

I hereby certify that the following agenda was posted at least 72 hours prior to the time of the meeting so noticed below at 24251 Los Alisos Boulevard, Lake Forest, California.



DENNIS P. CAFFERTY,  
Secretary of the El Toro Water  
District and the Board of Directors  
thereof



## **AGENDA**

### **EL TORO WATER DISTRICT**

### **REGULAR MEETING OF THE BOARD OF DIRECTORS**

**September 28, 2023**

**7:30 a.m.**

**BOARDROOM, DISTRICT OFFICE  
24251 LOS ALISOS BLVD., LAKE FOREST, CA 92630**

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This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the virtual component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.

Members of the public who wish to comment on any item within the jurisdiction of the District or on any item on the agenda, may attend the meeting in person at the District's office or may observe and address the Meeting by joining at this link:  
<https://us02web.zoom.us/j/87476396483> (Meeting ID: 874 7639 6483).

Members of the public who wish only to listen to the telephonic meeting may dial in at the following numbers (669) 900-6833 or (346) 248-7799 with the same Meeting ID noted above. Please be advised the Meeting is being recorded.

**CALL MEETING TO ORDER – President Havens**

**PLEDGE OF ALLEGIANCE – President Havens**

## **ROLL CALL (Determination of a Quorum)**

## **ORAL COMMUNICATIONS/PUBLIC COMMENTS**

Members of the public may address the Board at this time or they may reserve this opportunity with regard to an item on the agenda, until said item is discussed by the Board. Comments on other items will be heard at the time set aside for “COMMENTS REGARDING NON-AGENDA ITEMS.” The public may identify themselves when called on and limit their comments to three minutes.

## **ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

Determine need and take action to agendize items which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

### **1. Consider Board Member’s Request for Remote Participation (AB 2449)**

### **2. Consent Calendar**

(All matters under the Consent Calendar will be approved by one motion unless a Board member or a member of the public requests separate action or discussion on a specific item)

a. Consider approving the minutes of the August 24, 2023 Board meeting

b. Consider approving the Board members to attend the ACWA Fall Conference November 28 – 30 in Indian Wells, CA

**Recommended Action:** The Board will consider approving the above Consent Calendar.

### **3. Director Reports for Meetings Attended (Oral Report)**

## **GENERAL MANAGER ACTION ITEMS**

### **4. ETWD Board of Director Office Appointment (Oral Discussion)**

The Board of Directors will welcome the Candidates who qualified as applicants to be considered for appointment to fill the open Board of Director vacancy and inform same of today’s interview, selection and swearing in process. The term of such appointment to fill the vacated office will be through December 6, 2024. The next election to fill the office is scheduled for the General Election in November 2024.

**Recommended Action:** After Candidate interviews and deliberation by the Board of Directors the Board of Directors will consider selecting and appointing a qualified Candidate to fill the currently vacant Board of Director office through December 6, 2024.

5. **Oath of Office**

The Secretary of the Board of Directors will administer the Oath of Office to the newly appointed El Toro Water District Board member.

6. **Notification to Registrar of Voters Office and to the Orange County Clerk of the Board**

**Recommended Action:** Staff recommends that the Board authorize the District Secretary to forward the newly appointed Director's Oath of Office form to the Orange County Clerk of the Board and Registrar of Voters office.

7. **Election of Vice President** (Oral)

At this time the Board members will accept nominations for the office of Vice President of the El Toro Water District and the Board of Directors thereof to serve through the remainder of the 2023 calendar year.

**Recommended Action:** The Board will elect an existing Board member as Vice President for the Board of Directors of the El Toro Water District to serve for the remainder of the 2023 calendar year.

**GENERAL MANAGER INFORMATION ITEMS**

8. **General Manager's Monthly Report** (Reference Material Included)

Staff will review and comment on the General Manager's Monthly Report.

9. **Legislative Reports** (Reference Material Included)

Staff and General Counsel will review and comment on the Legislative reports.

10. **Public Education and Outreach Report** (Reference Material Included)

Staff will review and comment on the Public Education and Outreach report.

11. **Water Use Efficiency Report** (Reference Material Included)

Staff will review and comment on the Water Use Efficiency Report.

12. **SOCWA Report** (Reference Material Included)

- a. SOCWA Board Meeting – September 7, 2023
- b. SOCWA Engineering Committee Meeting – September 14, 2023
- c. SOCWA Finance Committee Meeting – September 19, 2023

**13. Municipal Water District of Orange County (MWDOC) Report**

(Reference Material Included)

- a. MWDOC Planning/Operations Meeting – September 5, 2023
- b. MWDOC/MET Directors Workshop – September 6, 2023
- c. MWDOC Admin/Finance Meeting – September 13, 2023
- d. MWDOC Board Meeting – September 20, 2023
- e. MWDOC Managers Meeting – September 21, 2023 - canceled

**14. Local Agency Formation Commission (LAFCO) Report**

(Reference Material Included)

- a. Report on the September 13, 2023 LAFCO meeting

**15. ISDOC Meetings Report** (Reference Material Included)

- a. Report on the September 5, 2023 ISDOC Executive Committee meeting

**16. WACO Meetings Report** (Reference Material Included)

- a. Report on the September 8, 2023 WACO meeting
- b. Report on the September 19, 2023 WACO Planning meeting

**COMMITTEE AND GENERAL INFORMATION**

**17. Dates to Remember for September /October 2023** (Reference Material Included)

**COMMENTS REGARDING NON-AGENDA ITEMS**

**ATTORNEY REPORT**

**CLOSED SESSION**

- 1. Pursuant to Government Code Section 54956.9(d)(1) and (d)(2) to consult with legal counsel and staff re: (1) *Plaintiff, Marlene Jean v. Defendants, Dollar Tree Stores, Inc. et al.*, Superior Court of Los Angeles Case No. 19STCV25234 and (2) to consider and take action on the Request For Leave to Present Late Claim filed on behalf of Park Aliso Commercial Center, LTD., Dollar Tree Stores, Inc., and Coreland Companies Commercial Real Estate Services.
- 2. Pursuant to Government Code Section 564956.9(d)(2) to consult with legal counsel and staff - Potential Litigation (two matters).



## **REGULAR SESSION**

### **REPORT ON CLOSED SESSION (Legal Counsel)**

Mr. Granito will provide an oral report on the Closed Session.

## **ADJOURNMENT**

*The agenda material for this meeting is available to the public at the District's Administrative Office, which is located at 24251 Los Alisos Blvd., Lake Forest, Ca. 92630. If any additional material related to an open session agenda item is distributed to all or a majority of the board of directors after this agenda is posted, such material will be made available for immediate public inspection at the same location.*

### *Request for Disability-Related Modifications or Accommodations*

*If you require any disability-related accommodation, including auxiliary aids or services, in order to participate in this public meeting, please telephone the District's Recording Secretary, Polly Welsch at (949) 837-7050, extension 225 at least forty-eight (48) hours prior to said meeting. If you prefer, your request may be submitted in writing to El Toro Water District, P.O. Box 4000, Laguna Hills, California 92654, Attention: Polly Welsch.*

MINUTES OF THE REGULAR MEETING  
OF THE  
BOARD OF DIRECTORS  
OF THE  
EL TORO WATER DISTRICT  
August 24, 2023

President Havens called the meeting of the Board of Directors of the ELTORO WATER DISTRICT to order at 7:30 a.m.

Director Freshley led in the Pledge of Allegiance to the flag.

Directors KAY HAVENS, JOSE VERGARA, MIKE GASKINS, MARK MONIN, and KATHRYN FRESHLEY participated.

Also present were DENNIS P. CAFFERTY, General Manager, HANNAH FORD, Engineering Manager, JUDY CIMORELL, Human Resources Manager, SCOTT HOPKINS, Operations Superintendent, SHERRI SEITZ, Public Relations Manager, VISHAV SHARMA, CFO, VU CHU, Water Use Efficiency Analyst, MIKE MIAZGA, IT Manager (Zoom), GILBERT J. GRANITO, General Counsel, DENNIS ERDMAN, MWDOC/MET Representative, SAUNDRA JACOBS, SMWD, RICHARD FIORE, MNWD, DON FROELICH, MNWD, WYATT MCCLEAN, Customer, PILAR VERGARA, CAROL MOORE, Laguna Woods City Council member, PAUL COOK, IRWD, DUANE CAVE, MNWD, and POLLY WELSCH, Recording Secretary.

Determination of a Quorum

Roll Call:

Director Monin	here
Director Gaskins	here
Director Freshley	here
Vice President Vergara	here
President Havens	here

Five Board members were present for the meeting, therefore a quorum was determined.

#### Oral Communications/Public Comments

There were no comments.

#### Items Received Too Late to be Agendized

President Havens asked if there were any items received too late to be agendized. Mr. Cafferty replied no.

#### Resolution No. 23-8-4 Recognizing Director Jose Vergara

Representatives from MWDOC/MET, SMWD, SCWD, IRWD, MNWD, and the City of Laguna Woods expressed their respect and thanks to Director Jose Vergara for his work in the water industry.

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Freshley to approve Resolution No. 23-8-4 which commends Director Jose Vergara on his 11 years of service to the El Toro Water District.

#### Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

#### Recess

At approximately 8:15 a.m. the Board took a short recess. Also at this time, all of the public left the meeting except Ms. Seitz, Mr. Chu, Ms. Moore, and Mr. McClean.

## Regular Session

At approximately 8:20 a.m. the Board returned to Regular Session.

### Consent Calendar

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Freshley to approve the Consent Calendar.

### Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

### Director Reports for Meetings Attended

Director Monin stated that he attended the ISDOC Executive Committee meeting, the MWDOC/MET Directors workshop, the WACO meeting, the MWDOC Admin/Finance Committee meeting, the WACO Planning Committee meeting, the MWDOC Board meeting, the CASA conference, the Laguna Woods City Council meeting, the Lake Forest City Council meeting, a meeting with ETWD's Auditors, ETWD's regular Board meetings, and will be attending the CSDA conference next week.

Director Gaskins stated that he attended the MWDOC/MET Directors workshop, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, WACO meeting, the CASA conference, the SOCWA Board meeting, and ETWD's regular meetings.

Director Freshley stated that she attended the MWDOC/MET Directors workshop, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the

SOCWA Board meeting, the SOCWA Finance meeting, the RRC meeting, the CASA conference, the LAFCO meeting, the OCWA meeting, the Laguna Woods City Council meeting, the WACO meeting, the ETWD's regular Board meetings, and will be attending the WEROC training, and the ACWA Engineering Committee meeting.

Vice President Vergara stated that he attended the MWDOC Board meeting, the MWDOC Admin/Finance meeting, the WACO meeting, the WACO Planning Committee meeting, the Agenda Review meeting, and the regular ETWD Board meetings.

President Havens stated that she attended the Artificial Intelligence in the Water Industry meeting, the MWDOC/MET Directors workshop, the CAG meeting, the MWDOC Admin/Finance meeting, the MWDOC Board meeting, the WACO meeting, the Aliso Watershed Collaborative workshop, the Agenda Review, and ETWD's regular Board meetings.

#### General Manager Information Items

#### ACWA 2023 Board Officers Election

Mr. Cafferty stated that Cathy Green is the sole candidate for the President position, and Ernesto Avila (Contra Costa Water District) and Michael Saunders (Georgetown Divide Utility District) are the two candidates for the Vice President position. He further stated that the ballot is due September 15<sup>th</sup>.

President Havens asked for a Motion.

Motion: Director Freshley made a Motion, seconded by Director Monin to authorize the District's General Manager to cast the District's vote for Cathy Green as ACWA President and Ernesto Avila for ACWA Vice President for the 2024/25 term by September 15, 2023.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

ACWA Region 10 Board Election for the 2024/25 Term

Mr. Cafferty stated that the ACWA Region 10 Board has a slate of candidates that the ACWA Nominating Committee is recommending for re-election. He further stated that the ballot is due September 15<sup>th</sup>.

President Havens asked for a Motion.

Motion: Director Gaskins made a Motion, seconded by Director Freshley to authorize the District's General Manager to cast the District's vote for the recommended slate for the ACWA Region 10 Board Election for the 2024/25 term by September 15, 2023.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

Orange County Grand Jury Report – “Historic Rain, Yet Drought Remains”

Mr. Cafferty stated that the District was “requested” to respond, not “required” to respond to the OC Grand Jury Report Findings and Recommendations. He further stated that we were requested to respond to all of the Findings, but only requested to respond to two of the Recommendations.

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins to accept the District's response letter with some authorized discretion by the General Manager to amend the Orange County Grand Jury's Findings and Recommendations response letter, and authorize staff to submit the response letter to the Presiding Judge of the Superior Court before September 5, 2023.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

Consideration of Support Position for Assembly Bill 557

Mr. Cafferty stated that Assembly Bill 557 would abolish the sunset that would otherwise repeal the provisions of Assembly Bill 361 at the end of the 2023 calendar year. He further stated that AB 361 allows remote attendance of meetings in the event of a declared emergency.

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins to authorize the General Manager to support Assembly Bill 557.

Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

## ETWD Board Vacancy

Mr. Cafferty stated that the Government Code Section in the staff paper is incorrect and should be “1780” instead of 1770. He further stated that the District has 60 days to fill the Board vacancy or call for a Special Election, or the County Board of Supervisors can appoint someone to fill the vacancy.

Mr. Cafferty stated that the Board will need to decide whether to “appoint” someone or to have a Special Election. He further stated that if the Board desires to “appoint” someone, staff would post in three conspicuous locations a Notice of Vacancy.

Mr. Cafferty stated that included in the Board package is a Proposed Timeline showing Milestone Dates for Board Appointment Process.

President Havens asked for a Motion.

Motion: Director Monin made a Motion, seconded by Director Gaskins to direct the District Secretary to start the process to “appoint” a candidate to fill the Board vacancy.

### Roll Call Vote:

Director Monin	aye
Director Gaskins	aye
Director Freshley	aye
Vice President Vergara	aye
President Havens	aye

Mr. Cafferty stated that a Special Board meeting will be scheduled to review interested candidates, and will either appoint the new Board member at that meeting, or at the following Board meeting. He further stated that a new Board Vice President will be elected at the regular September Board meeting.



### GM Monthly Report

Mr. Cafferty stated that in the report is information about water quality, and we are dealing regionally with some significant water quality challenges. He further stated that the chlorine residuals are deteriorating and there is an large amount of nitrites in the water in the Allen McCollogh Pipeline and the East Orange County Feeder No. 2.

Mr. Cafferty stated that MET is flushing the AMP SCWD may shut down the JTM. He further stated that the District may have to consider flushing ourselves.

Director Freshley asked if this issue would affect the refilling of the R-6 Reservoir. Mr. Cafferty replied that it has the potential to.

Director Freshley asked why we are continuing to use so much potable water to meet the recycled water demands. Mr. Cafferty replied that staff is working towards using less potable water in the recycled water system.

### Legislative Reports

There were no comments.

### Public Education and Outreach Report

Ms. Seitz stated that the fall newsletter will be distributed in September.

Ms. Seitz stated that President Havens was on TV-6 and provided an overview of ETWD including our history, service area, where the water comes from, services we provide, staff, tertiary water, water safety, the R-6 project, water supply update and water conservation.

Ms. Seitz stated that staff provided water using the Emergency Water Trailer and water conservation information to attendees at the City of Mission Viejo's National Night Out.

Ms. Seitz stated that Mr. Cafferty spoke at the GRF Landscape Committee meeting on rates and water supply.

Ms. Seitz stated that on September 26<sup>th</sup> she and Mr. Chu will staff an information table at the Gate 11 Fall meeting. She further stated that on September 20<sup>th</sup> staff will present on “How water gets to your tap” to the LWV College Club.

Ms. Seitz stated that on September 23<sup>rd</sup> staff will have an informational booth at the City of Laguna Hills Heritage Day at the Laguna Hills Community Center & Sports Park.

Ms. Seitz stated that on October 26<sup>th</sup> staff is partnering with neighboring agencies to hold an H2O for HOA event at the Norman P. Murray Community Center in Mission Viejo.

Ms. Seitz stated that on October 7<sup>th</sup> staff will host a booth at the UN ANR Open House & Urban Ag Expo at the South Coast Research and Extension Center in Irvine.

Ms. Seitz stated that Mr. Chu will conduct two “Pipe Patrol – Leak Detection and Prevention” workshops at ETWD, and will provide customers with information on how to find, fix, and prevent leaks in and around the home. The first workshop will be October 24<sup>th</sup> and the second on October 28<sup>th</sup>.

Ms. Seitz stated that ETWD is co-hosting with MET and G3 Green Gardeners Group a series of free online landscape workshops in October and November.

Ms. Seitz stated that ETWD is co-hosting with MWDOC a Girl Scout Tour and a Boy Scout Tour at the WRP.

### Water Use Efficiency Report

Mr. Chu stated that total consumption for July was down 15% compared to 2022, and the largest decline was in the dedicated irrigation consumption including LWV.

President Havens suggested putting in a footnote due to Hurricane Hilary where we will be using less irrigation due to the rain storms in August 2023.

### SOCWA Reports

Mr. Cafferty stated that there were discussions on P-2 and extending expiration dates of some of the PC projects. He further stated that he is recommending writing a letter to the SOCWA Board Chairman and copying all of the members, indicating how ETWD feels about the future of SOCWA and the operation of the Regional Treatment Plant.

Director Freshley stated that she doesn't feel a letter would be helpful and could create more hostility on the SOCWA issues.

Director Freshley suggested keeping the District's comment letter within PC-17. Mr. Cafferty will make the modification to the comment letter.

### MWDOC Reports

There were no comments.

### LAFCO

Mr. Cafferty stated that staff met with LAFCO representatives to discuss a financial table in the MSR report that identifies ETWD's Reserves.

Director Freshley stated that their newsletter (Pulse) will be distributed more widely.

## ISDOC

Director Monin stated that since ISDOC is a chapter of CSDA, he will be attending the CSDA annual conference next week.

## WACO

Director Monin stated that at the next meeting they will be presenting Director Vergara with a Certificate of Appreciation.

## COMMITTEE AND GENERAL INFORMATION

### Dates to Remember for August/September 2023

There were no comments.

### Comments Regarding Non-Agenda Items

There were no comments.

## Attorney Report

Mr. Granito reported that there is a need for a Closed Session at today's meeting to discuss one matter.

## Closed Session

At approximately 10:07 a.m. the Board went into Closed Session as agendized on today's Closed Session agenda. Also at this time Ms. Cimorell, Mr. Hopkins, Ms. Ford, Ms. Sharma, Ms. Setiz, Mr. Chu, Ms. Moore, Mr. McClean, and Ms. Welsch left the meeting.

## Regular Session

At approximately 10:12 the Board returned to Regular Session. Also at this time Ms. Welsch returned to the meeting.

### Open Session Report

Mr. Granito reported that the Board went into Closed Session during which the General Manager and General Counsel led a discussion on one matter of potential litigation. No reportable action was taken.

### Adjournment

There being no further business to come before the Board, the meeting was adjourned at 10:12 a.m.

Respectfully submitted,

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POLLY WELSCH  
Recording Secretary

APPROVED:

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KAY HAVENS, President of  
the El Toro Water District and the  
Board of Directors thereof

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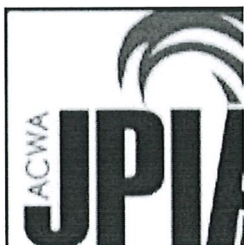
DENNIS P. CAFFERTY, Secretary  
of the El Toro Water District and  
the Board of Directors thereof

**Polly Welsch**

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**From:** ACWA JPIA <communications@acwajpia.com>  
**Sent:** Wednesday, August 23, 2023 8:00 AM  
**To:** Polly Welsch  
**Subject:** Join Us at the 2023 ACWA JPIA Fall Conference in Indian Wells, CA!

[View this email in your browser](#)



## Join ACWA JPIA at the 2023 Fall Conference!

[Click Here to Register for ACWA JPIA's Fall Conference](#)

ACWA JPIA is excited to welcome our members to the 2023 Fall Conference in Indian Wells, CA on November 27 –28, 2023! The conference will take place at:

Hyatt Regency Indian Wells Resort & Spa  
44600 Indian Wells Ln, Indian Wells, CA 92210

### Conference Registration

- **Register [here](#)** for the ACWA JPIA Conference.
- **Registration for the conference in advance is *mandatory* for *all* JPIA Directors or those attending the conference on behalf of their district.**
- *Please note that ACWA and ACWA JPIA registrations are separate.*  
Registering for ACWA's conference does not automatically register attendees for ACWA JPIA's conference. Attendees must register for both conferences separately.

- **Conference Registration Deadline: November 6, 2023**

### **Conference Events**

- Visit the [ACWA JPIA Conference Webpage](#) for conference details including conference registration, luncheon RSVP, Preliminary Conference Schedule, and conference materials access.
- **Monday, November 27 Networking Reception**
- Join us on November 27 for casual networking, hors d'oeuvres, and mingling.
- ACWA JPIA's Reception starts at 5:30pm – details to follow.
- **Tuesday, November 28 Seminars**
- Stick around for engaging and informative seminars held by ACWA JPIA guests and staff.
- Seminar times and topics will be announced later.

### **ACWA Conference**

- If you plan to attend the ACWA Conference on November 28-30, 2023, please visit their [website](#) for more information on registration, agenda items, pricing, etc.

### **Sponsorship Opportunities**

- Interested in sponsoring the conference? Check out sponsorship opportunities & incentives on the ACWA JPIA website.
- Your sponsorship supports the valuable collaboration and education offered to ACWA JPIA members at the annual conferences.

### **Stay Updated**

- Please regularly check the ACWA JPIA Conference webpage for updates.



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**Our mailing address is:**

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# PRELIMINARY AGENDA

## TUES 11/28/23

8:00 AM - 9:15 AM  
**AGRICULTURE COMMITTEE**

8:30 AM - 12:00 PM  
**ACWA JPIA SEMINARS**

9:30 AM - 10:45 AM  
**GROUNDWATER COMMITTEE**

11:00 - 12:15 PM  
**WATER MANAGEMENT COMMITTEE  
ENERGY COMMITTEE**

12:15 PM - 1:30 PM  
**COMMITTEE LUNCH**

12:30 PM - 1:30 PM  
**OUTREACH TASK FORCE**

1:00 PM - 3:00 PM  
**ACWA JPIA SEXUAL HARRASSMENT  
TRAINING**

1:45 PM - 3:00 PM  
**FINANCE COMMITTEE  
LOCAL GOVERNMENT COMMITTEE  
WATER QUALITY COMMITTEE**

3:15 PM - 5:00 PM  
**COMMUNICATIONS COMMITTEE  
FEDERAL AFFAIRS COMMITTEE  
LEGAL AFFAIRS COMMITTEE  
MEMBERSHIP COMMITTEE**

5:00 PM - 6:30 PM  
**WELCOME RECEPTION  
IN THE EXHIBIT HALL**

## WED 11/29/23

7:30 AM - 8:30 AM  
**CONTINENTAL BREAKFAST  
IN THE EXHIBIT HALL**

8:30 AM - 10:00 AM  
**WELCOME KEYNOTE / MAIN STAGE**

- ACWA State of the Association
- Keynote Presentation
- ACWA JPIA Update
- Emissary Award

10:30 AM - 11:45 AM  
**PROGRAM SESSIONS** 

12:00 PM - 1:30 PM  
**CONNECT IN THE EXHIBIT HALL  
NETWORKING BBQ LUNCH**

1:30 PM - 2:00 PM  
**SOLUTION SPOTLIGHTS**  
• Member Case Study, Associate Service, Demo

1:30 PM - 2:15 PM  
**WATER TALK / MAIN STAGE**

2:30 PM - 3:30 PM  
**PROGRAM SESSIONS** 

3:45 PM - 5:00 PM  
**REGION 1-10 MEMBERSHIP MEETINGS**

5:00 PM - 6:00 PM  
**ACWA RECEPTION IN THE EXHIBIT HALL**

## THUR 11/30/23

7:00 AM - 8:00 AM  
**WELLNESS ACTIVITY**

7:30 AM - 11:00 AM  
**CONNECT IN THE EXHIBIT HALL**

7:30 AM - 9:00 AM  
**CONTINENTAL BREAKFAST  
IN THE EXHIBIT HALL**

8:30 AM - 10:00 AM  
**MEDIA TRAINING**

8:30 AM - 10:45 AM  
**ETHICS TRAINING**

9:00 AM - 10:00 AM  
**PROGRAM SESSIONS** 

10:15 AM - 11:15 AM  
**PROGRAM SESSIONS** 

11:45 AM - 1:15 PM  
**KEYNOTE & AWARDS / MAIN STAGE**

- Keynote Presentation
- Outreach Awards
- Sponsorship Awards
- Huell Howser Awards
- Steve Hall Scholarship
- Passing of the Gavel

1:30 PM - 3:00 PM  
**CLOSING LUNCH**

*Last Updated: 08/03/2023*

 Qualify for continuing education credit

 Designated Recorded Programs TBD

**Questions:** Email [events@acwa.com](mailto:events@acwa.com)  
**Online Registration Deadline:** Nov. 17, 2023

All conference programs are subject to  
change without notice.

# **GENERAL MANAGER'S REPORT**

**August 2023**

## **I. OFFICE OF THE GENERAL MANAGER**

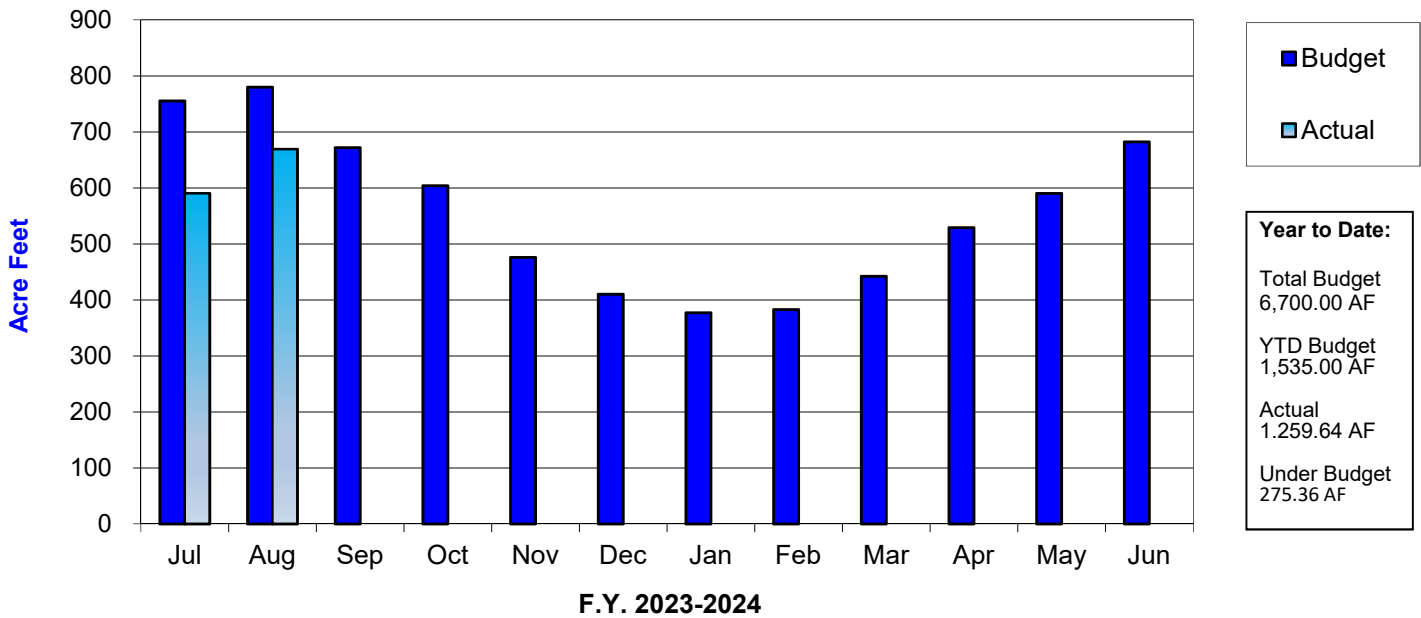
- MWDOC P&O Meeting
- MWDOC A&F Committee Meeting
- MWDOC Lead & Copper Rule Meeting
- MWDOC and Hazen & Sawyer Lead Service Line Meeting
- SOCWA Board Meeting
- MET / MWDOC Water Quality Meeting
- MET / MWDOC Grand Jury Tour of the R-6 Reservoir
- MET Water Quality Public Outreach Meeting
- R-6 Cover & Liner Replacement Project Construction Meetings
- Chief Plant Operator Interview
- ETWD President / GM Meeting
- ETWD RRC Meeting
- ETWD Agenda Review Meeting
- ETWD Regular Engineering & Finance Committee Meetings
- ETWD Regular Board Meeting

## **II. DOMESTIC AND RECYCLED WATER SALES**

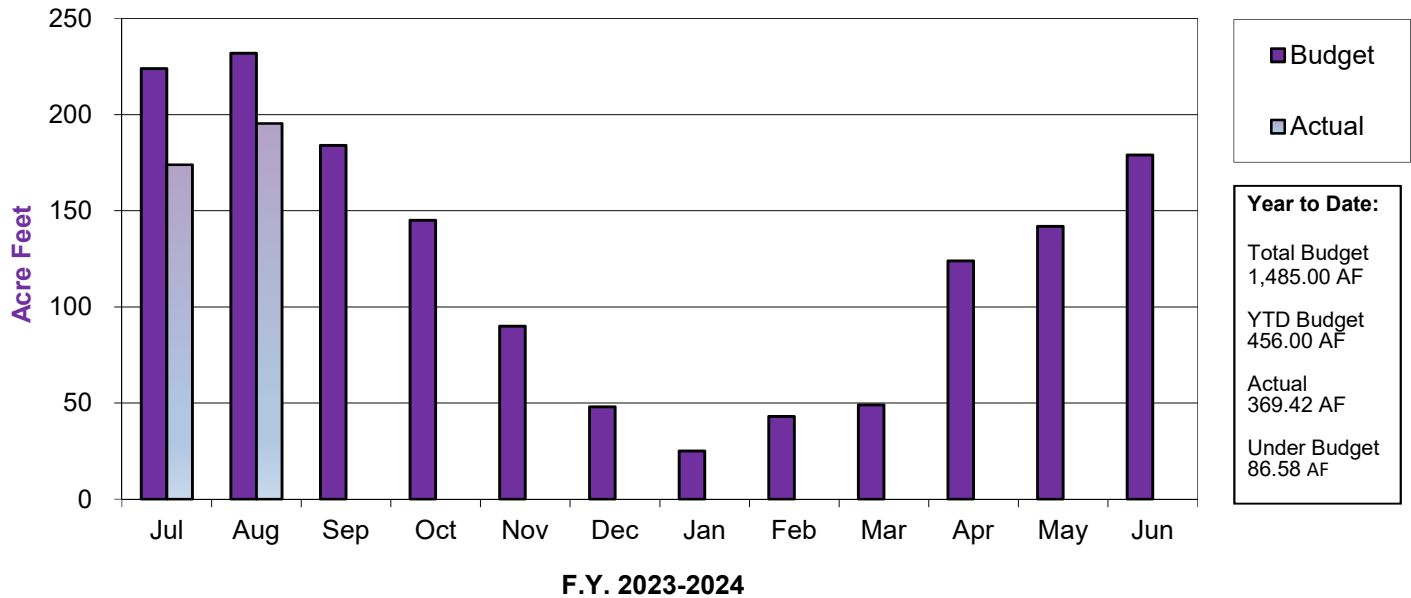
Actual domestic sales for the year-to-date as of August 31, 2023 are 1,259.64 acre-feet. This compares to year-to-date budgeted domestic sales of 1,535.00 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 275.36 acre-feet. Actual sales are 44.03 acre-feet lower than last year-to-date actual sales for the same period.

Actual recycled sales for the year-to-date as of August 31, 2023 are 369.42 acre-feet. This compares to year-to-date budgeted recycled sales of 456.00 acre-feet. The year-to-date variation in actual to budgeted sales reflects a decrease of 86.58 acre-feet. Actual sales are 10.54 acre-feet lower than last year-to-date actual sales for the same period.

## POTABLE WATER SALES



## RECYCLED WATER SALES



## Customer Service Activity Report

Regular Service Calls	AUG 2023	AUG 2022	Telephone Calls	AUG 2023	AUG 2022
Serviceman Dispatched to Read, Connect/Disconnect Service	90	93	Change of Service: Connections and Disconnections	89	103
<b>Field Investigations:</b>			Billing / Payments & Graph Inquires	149	242
Check for leaks - calls to CS Office:(irrigation,meter,street leaks)			Assistance with online payments and ETWD's portal (cc, e-checks, other.)	35	13
Customer Responsible	18	26	Variance / Adjustment Inquiries	9	17
District Responsible	10	10	Variance / Adjustment Requests		
None found/other	12	12	Processed	10	8
High Reads Checked - High Consumption (Billing Dept.)			Ordinance Infraction / Water Waste Complaints	0	4
Cust Leaks: 16 No Leaks: 46	62	28			
Check Stopped Slowed Meters-Low Consumption (Billing)	13	13	Outside Utility Districts	78	76
Re-Check Read	16	10	Phone calls Transfer to other Departments within ETWD	48	58
Ordinance Infraction	0	5	Phone calls for the Board of Directors	0	0
Recycled Water	1	0	Recycled Water	1	0
Water Quality: Taste / Odor / Color	4	6	Water Quality Taste - Odor - Color	3	4
Phone response: 3 Field response:1			Leaks / Breaks	26	17
Construction (Hydrant) Meters issued	1	2	Construction Meter calls (Hydrant)	3	1
Sewer - Odor/Stoppage/ Manhole Covers	2	3	Sewer Problems (odor / spills)	2	4
Meter Box: 1 Lids: 11 / Covers Replaced: 7	19	17			
Meter Box Clean, Digout	1	6	Backflow / Cross Connection (questions or yearly testing forms)	0	3
Raised Meter Box			ETWD facilities inquiries: Boxes/Covers/Lids/Hydrants/Pump Stations/Graffiti/ "Gen. Maint"	2	2
Trim Bushes / Meter Obstruction	20	15			
General Maintenance Response	8	5	Tyco (ADT) Calls (Alarms to ETWD facilities)	0	0
Fire Hydrants: Hit / Leaks / Caps	0	0	ATT Calls (access to tower sites)	0	1
Pressure(psi) Checks / Reads	2	6	SCE Calls (access to tower sites)	1	1
CSSOV (Angle Meter/Ball Valve/Gate Valve/Globe Valve) chk,repair,replaced	12	9	Pager Calls specifically for Pump Stations - SCADA	0	1
AMS angle-meter-stop replace/repair	2	0			
Bees Removed	2	3			
Backflow / Cross Connection	4	5	Payment Extensions	19	27
Fogged Registers			Delinquent Payment Calls to Customer 's prior to shut off per billing calendar (automatic courtesy dialer)		
OMCOP: Old Meter Change - Out Program	4	6	Return Calls from customers left on our voice mail system. Ext 500	14	17
Other: (uncommon non-maintenance calls)	8	11	Email Correspondence: Maintenance Service Order Requests (bees, psi, fogged-dirty registers)	43	37
On-Call After Hrs. CS Response	20	28	Misc. (other: employment, deliveries, sales calls)	13	6
# Posting Notice & 24 Hr. Door Hangers Hung	86	134		21	26
#Shut Offs/Disconnect for Non-Payment (DNP)	12	19	Payment Processing Fee Complaints	0	0
Removed Meter	0	1	Customers Complaints non bill related.	0	0
New Meter	1	3	Billing Disputes	0	0
Unread Meters	2	4			
<b>Total Field Investigations</b>	<b>437</b>	<b>498</b>	<b>Total Telephone Calls</b>	<b>617</b>	<b>733</b>
<b>Uncollectible Accounts:</b>			<b>Credit Card Payments</b>	<b>AUG 2023</b>	<b>AUG 2022</b>
Budget YTD	\$ 2,834.00	\$ 3,334.00	REGULAR	1,395	\$267,799.95 1,175
Actual YTD	\$ 301.00	\$ 6,493.00			\$251,844.60

## (WRP) Tertiary Treatment Plant

August-23

### Total Recycled Water Production

Flow, Units	G.C. Irrigation	Main Distribution	WRP Irrigation/Utility	Total, Production
Avg. Daily Q, MGD	0.329	1.451	0.106	1.886
Total Q, MG	10.199	44.984	3.273	58.456
Total Acre Feet	31.300	138.051	10.045	179.396

**Note: A total of 1,375,970 gallons of potable make-up water was used to supplement the demand for recycled water in August 2023.**

On 8/4, a total of 650,250 gallons of potable water was used to supplement the demand of recycled water.

On 8/15, a total of 450,000 gallons of potable water was used to supplement the demand for recycled water.

On 8/18, a total of 275,720 gallons of potable water was used to supplement the demand for recycled water.



# MICROBIOLOGICAL MONITORING

## August 2023

### PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

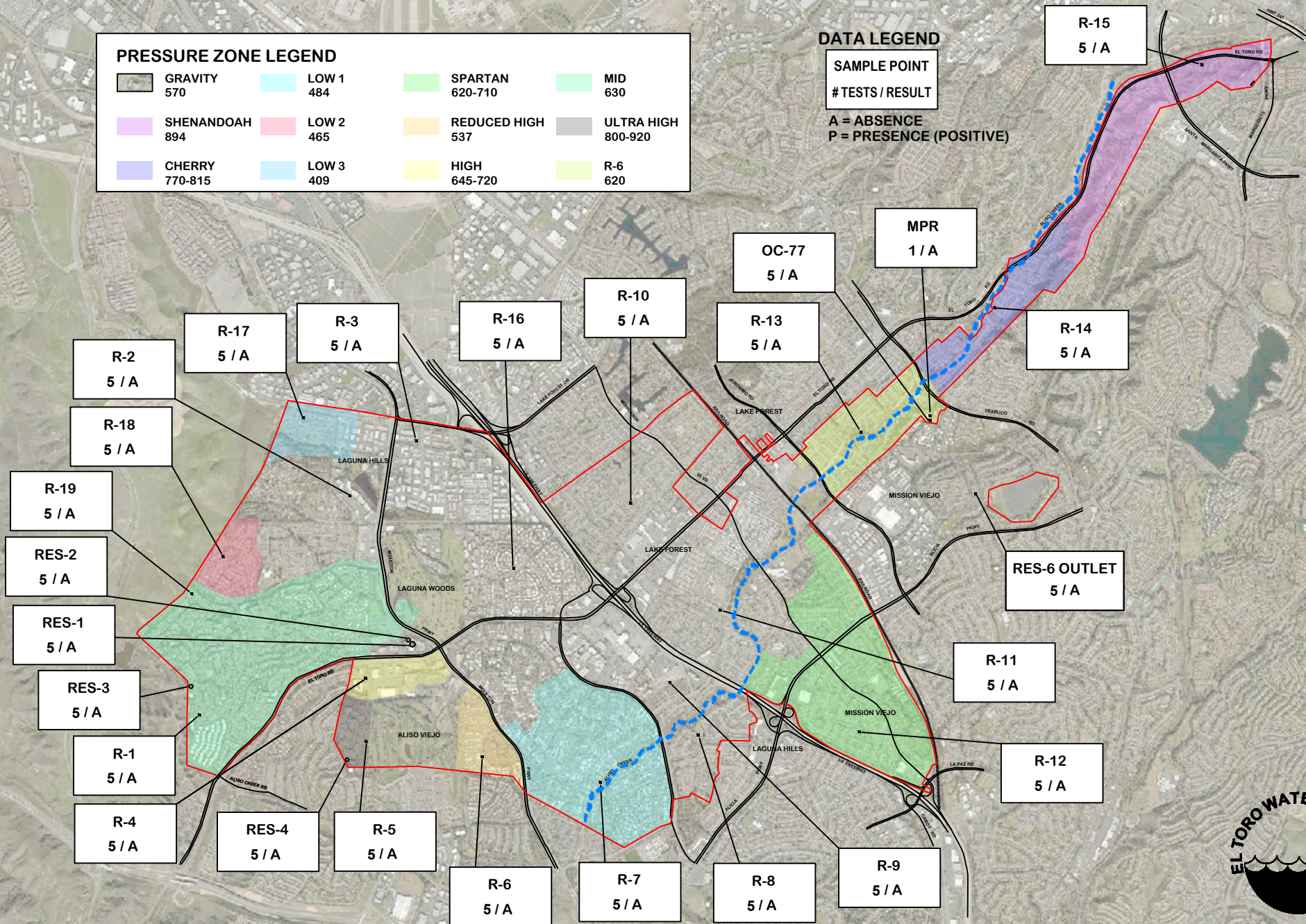
### DATA LEGEND

#### SAMPLE POINT

# TESTS / RESULT

A = ABSENCE

P = PRESENCE (POSITIVE)





# CHLORINE RESIDUAL MONITORING

## August 2023

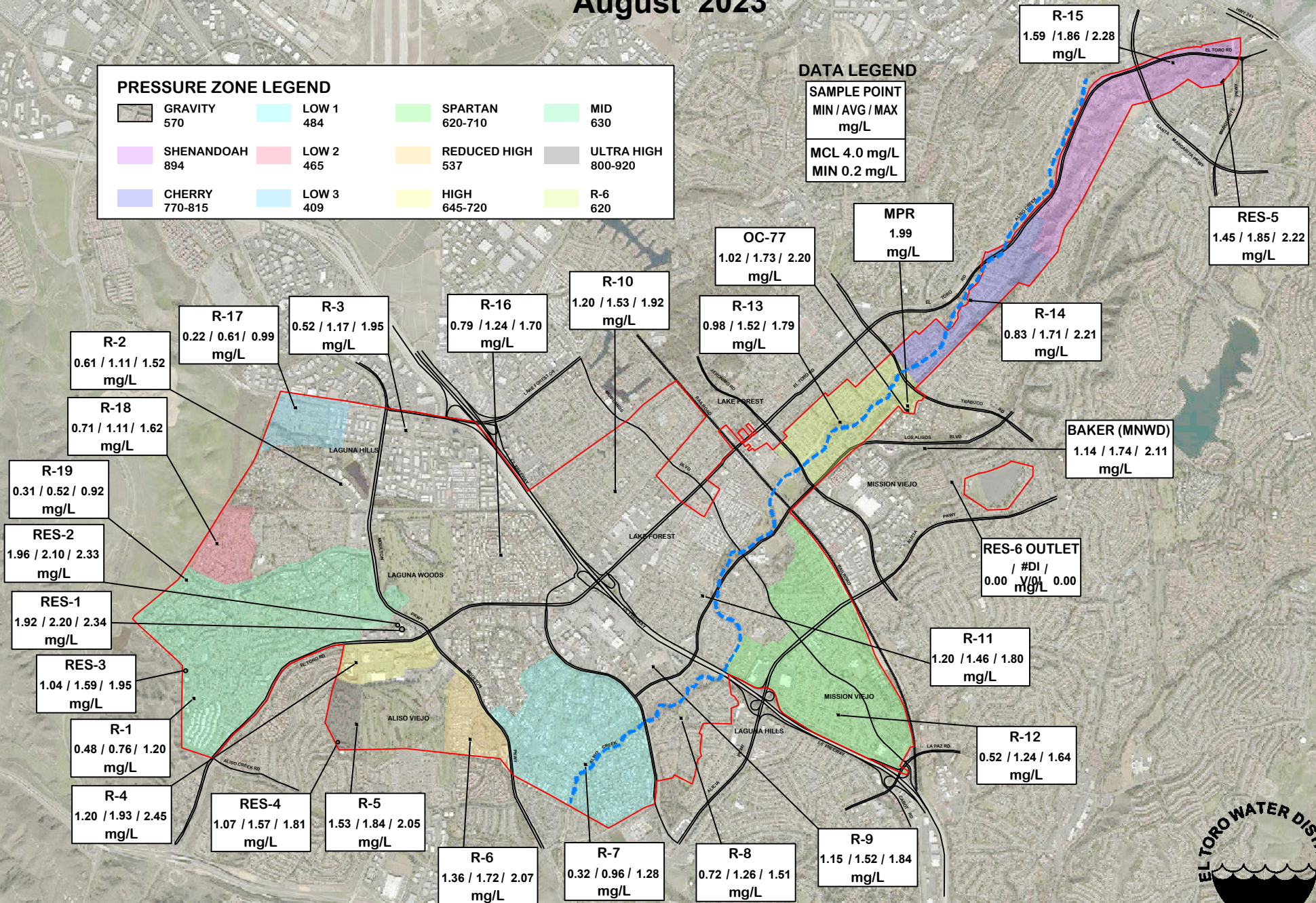
### PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

### DATA LEGEND

SAMPLE POINT  
MIN / AVG / MAX  
mg/L

MCL 4.0 mg/L  
MIN 0.2 mg/L





# FLUORIDE MONITORING

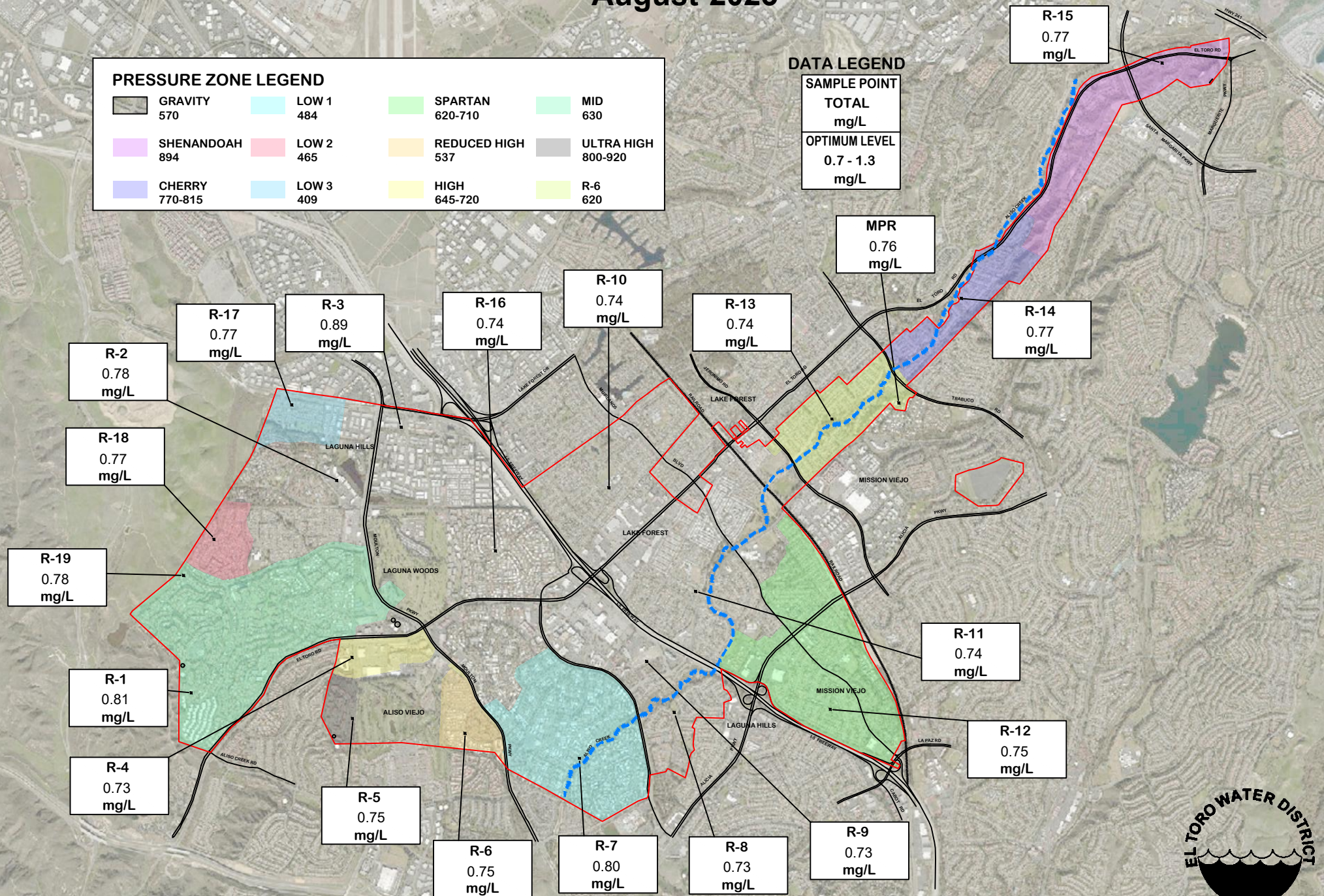
August 2023

## PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

## DATA LEGEND

SAMPLE POINT
TOTAL mg/L
OPTIMUM LEVEL 0.7 - 1.3 mg/L





# NITRITE MONITORING

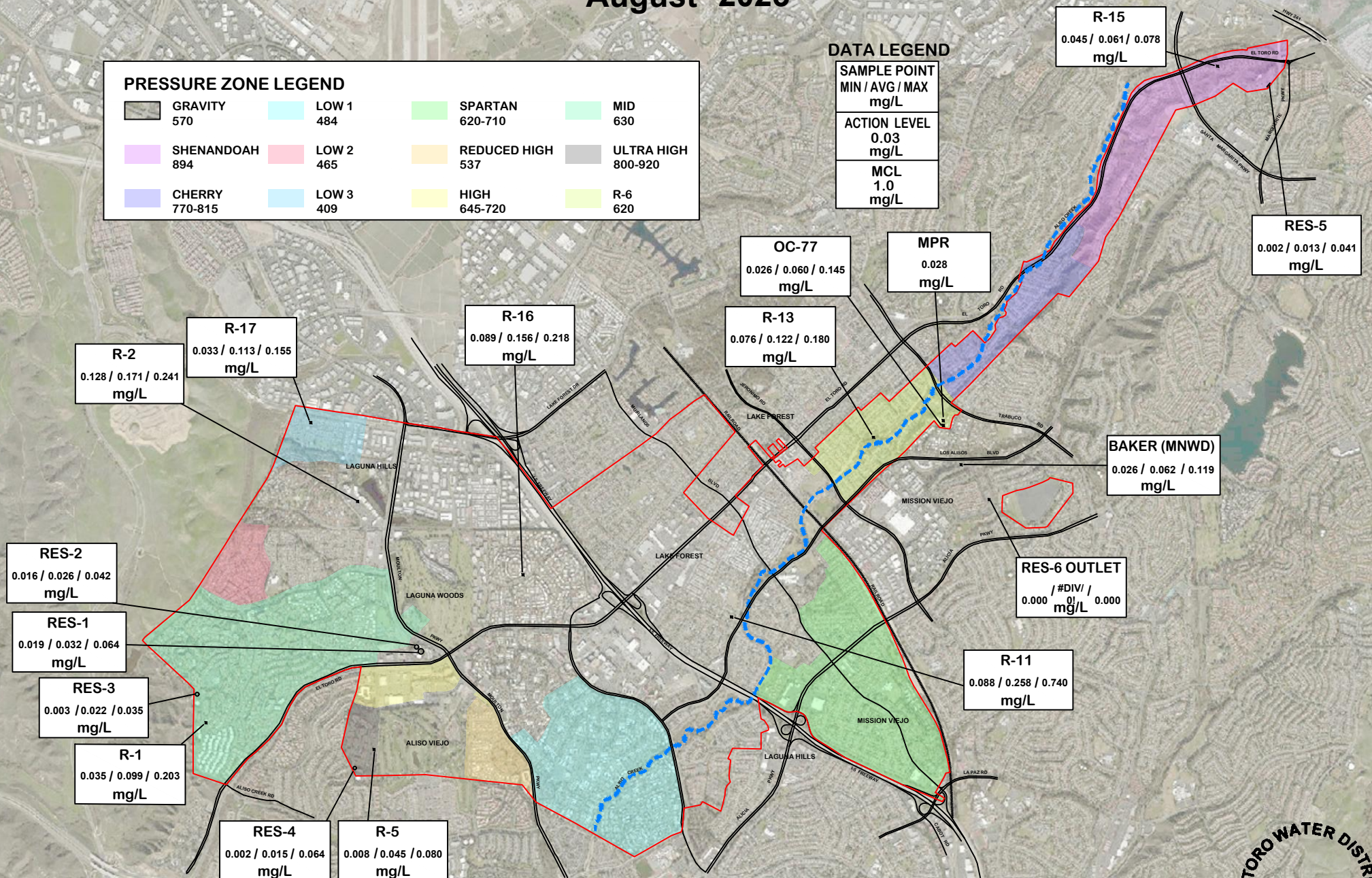
## August 2023

### PRESSURE ZONE LEGEND

GRAVITY 570	LOW 1 484	SPARTAN 620-710	MID 630
SHENANDOAH 894	LOW 2 465	REDUCED HIGH 537	ULTRA HIGH 800-920
CHERRY 770-815	LOW 3 409	HIGH 645-720	R-6 620

### DATA LEGEND

SAMPLE POINT MIN / AVG / MAX mg/L
ACTION LEVEL 0.03 mg/L
MCL 1.0 mg/L





# Weekly Water Quality System Status

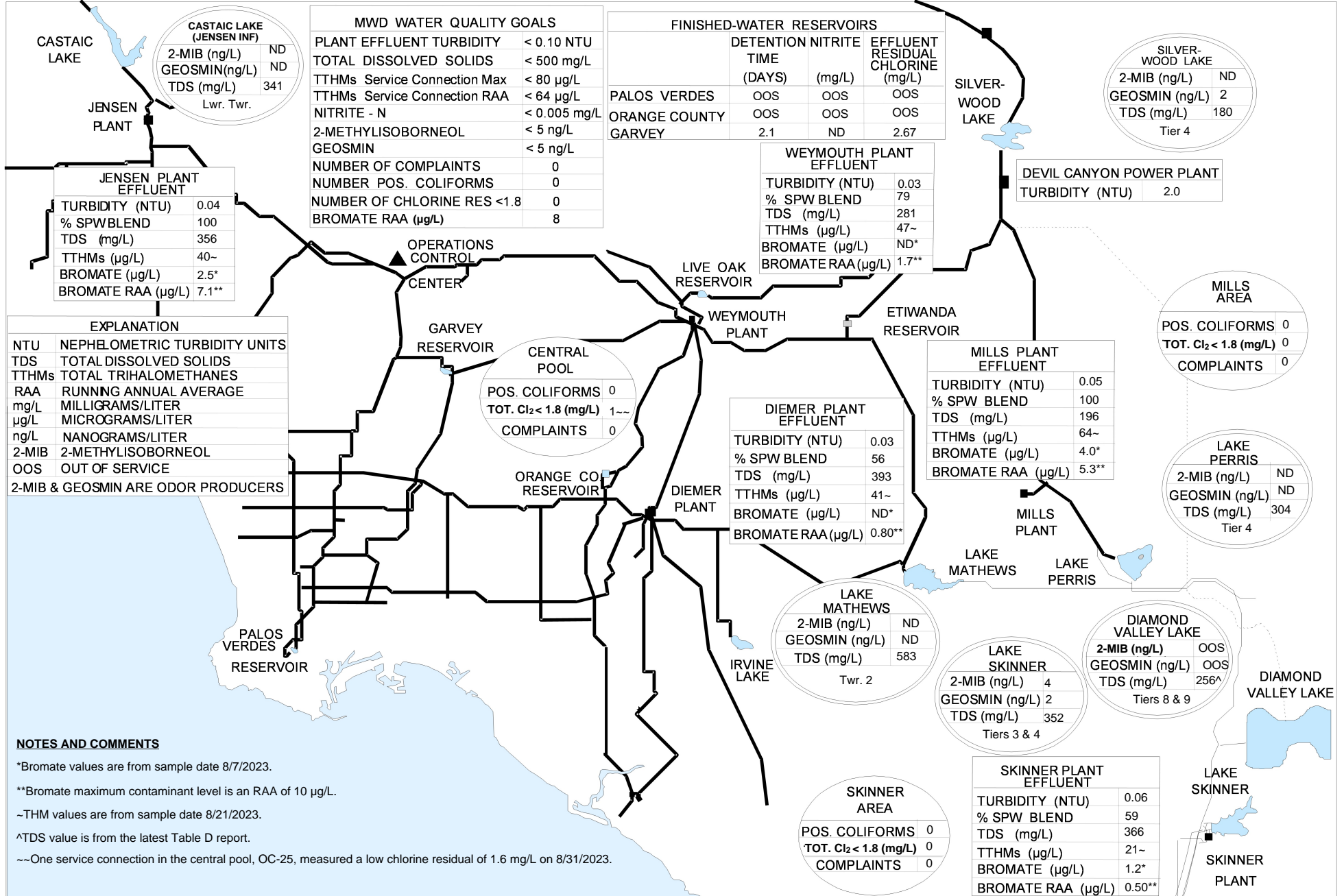
Wednesday, September 6, 2023

Generated On:9/6/2023 4:08:27 PM



## THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

No violations of State or Federal regulations were recorded during the current period.



MWD water quality goals meet or exceed all State and Federal regulations.

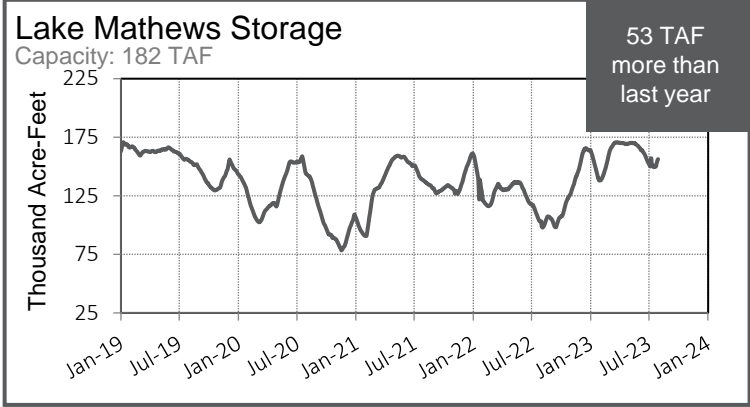
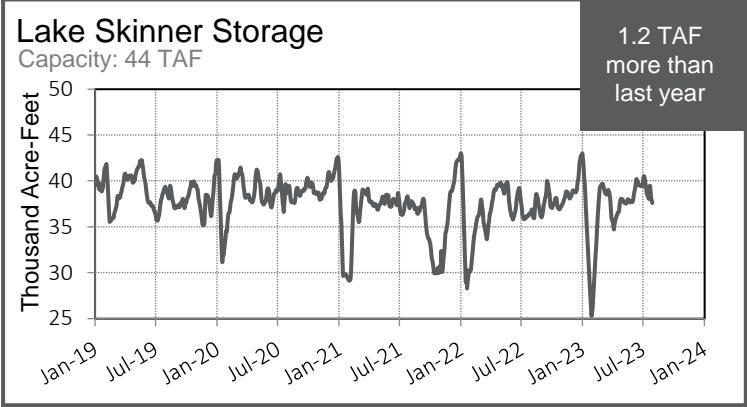
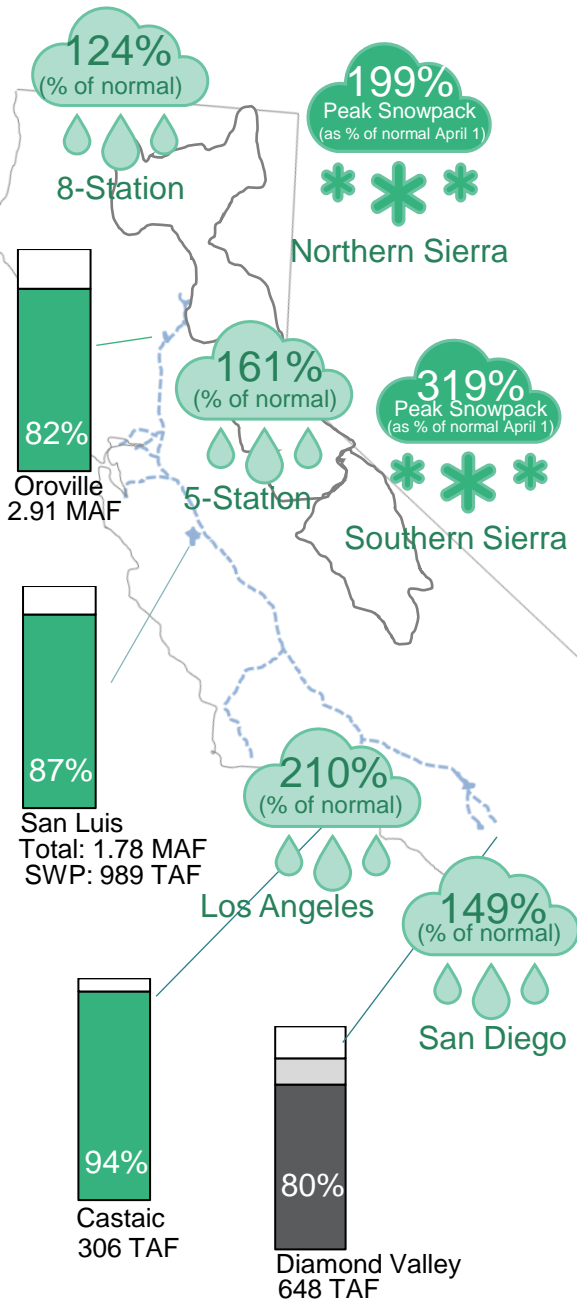
WATER QUALITY INFORMATION LINE: (800) 354-4420  
VISIT MWD ON THE WEB AT <http://www.mwdh2o.com>



SWP Table A – 100% - 1,911,500 AF

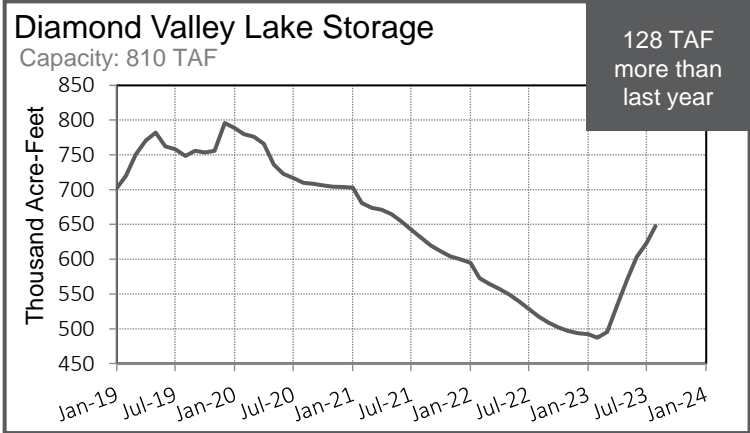
Projected CRA Diversions – 658,000 AF

Metropolitan Resources



**MWD WSDM Storage**  
Calendar Year 2023

	Projected Storage Balance (end of 2023)
SWP Carryover and Flexible Storage	400 TAF
In-Region Storage	621 TAF
Out-of-Region Storage	392 TAF
Desert Water & Coachella Valley	171 TAF
Lake Mead ICS and Other Actions	1,584 TAF



Highlights

- Learn more about imported supplies:
- State Water Project - <https://www.mwdh2o.com/state-water-project-map/>
  - Colorado River Aqueduct - <https://www.mwdh2o.com/colorado-river-aqueduct-map/>



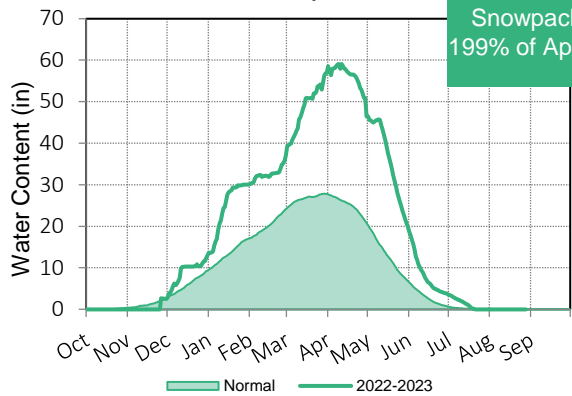
This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of this information. Readers should refer to the relevant state, federal, and local agencies for additional or for the most up to date water supply information. Reservoirs, lakes, aqueducts, maps, watersheds, and all other visual representations on this report are not drawn to scale. Questions? Email [mferreira@mwdh2o.com](mailto:mferreira@mwdh2o.com)

# State Water Project Resources

As of: 08/28/2023

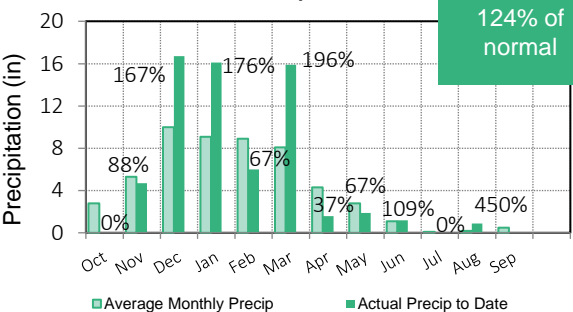
## Northern Sierra Snowpack

Peak  
Snowpack:  
199% of April 1



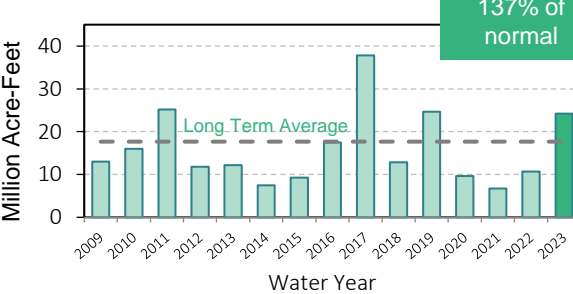
## 8 Station Index Precipitation

65.1 in  
124% of  
normal



## Sacramento River Runoff

Forecast:  
137% of  
normal

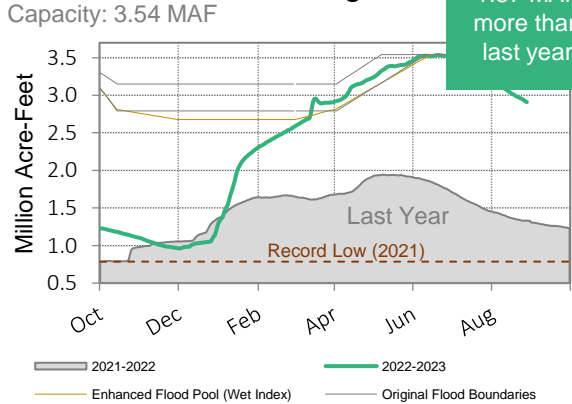


## Other SWP Supplies Calendar Year 2023

Carryover 39,000 acre-feet  
Article 21 134,000 acre-feet

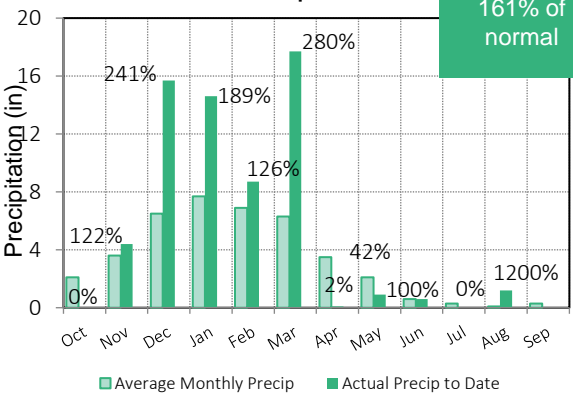
## Oroville Reservoir Storage

Capacity: 3.54 MAF  
1.57 MAF  
more than  
last year



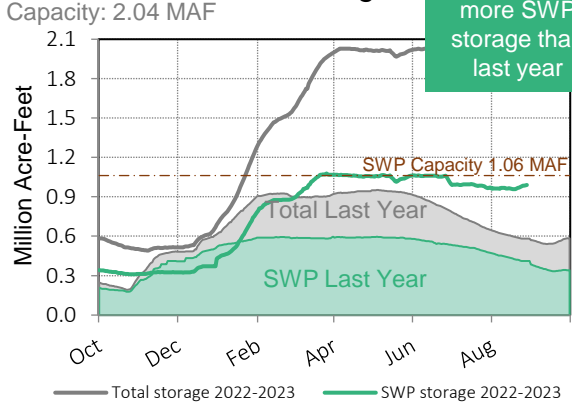
## 5 Station Index Precipitation

63.9 in  
161% of  
normal



## San Luis Reservoir Storage

Capacity: 2.04 MAF  
578 TAF  
more SWP  
storage than  
last year

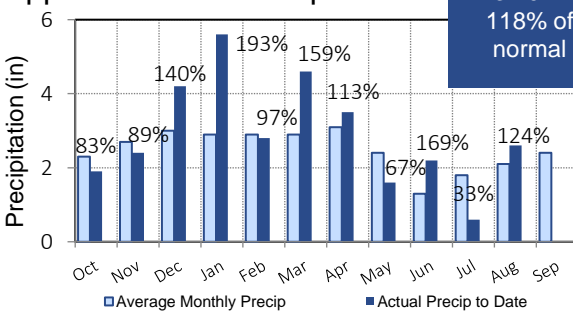


# Colorado River Resources

As of: 08/28/2023

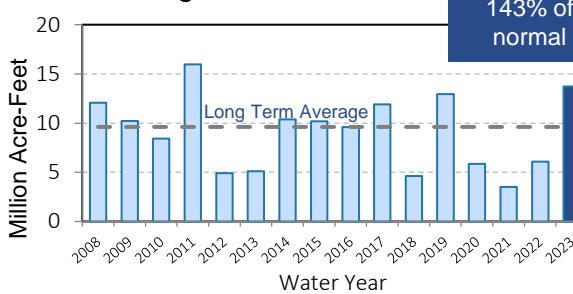
## Upper Colorado Precipitation

32.0 in  
118% of  
normal

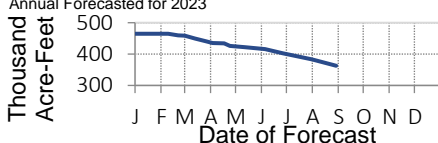


## Powell Unregulated Inflow

Forecast:  
143% of  
normal



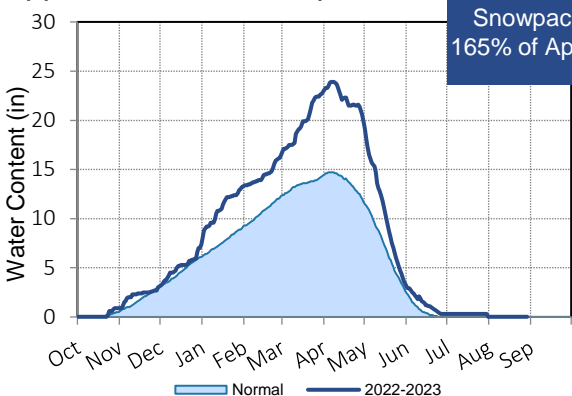
## PVID/Yuma Agricultural Use



Forecasted  
Use for 2023:  
363 TAF

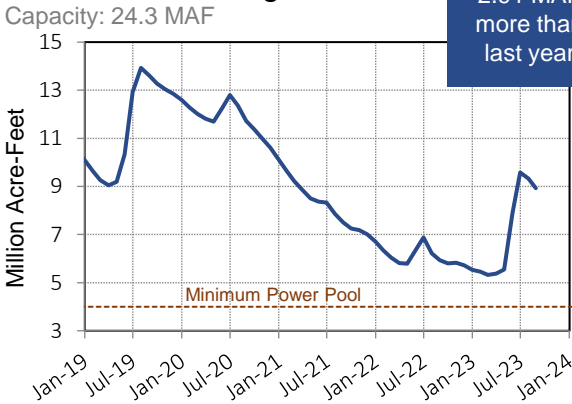
## Upper Colorado Snowpack

Peak  
Snowpack:  
165% of April 1



## Lake Powell Storage

Capacity: 24.3 MAF  
2.91 MAF  
more than  
last year



## Projected Lake Mead ICS

Calendar Year 2023  
Put (+) / Take (-)  
TBD

## Lake Mead Surplus/Shortage Outlook

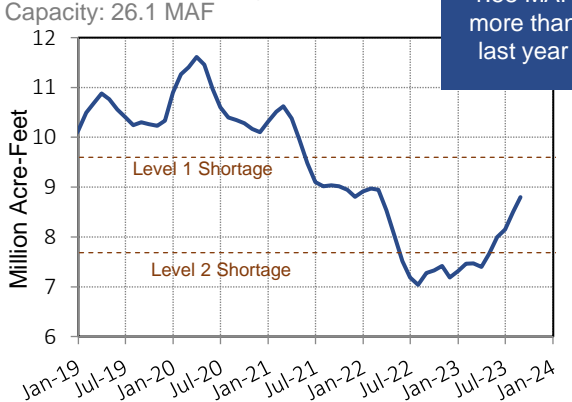
	2023	2024	2025	2026
Surplus	0%	0%	0%	0%
Shortage	100%	93%	57%	47%
Metropolitan			3%	16%
DCP*			180 TAF	252 TAF

Likelihood based on results from the April 2023 CRMS in Ensemble Model/CRSS model run. Includes DCP Contributions.

\* Chance of required DCP contribution by Metropolitan. Volume is average contribution when needed.

## Lake Mead Storage

Capacity: 26.1 MAF  
1.58 MAF  
more than  
last year



**EL TORO WATER DISTRICT  
MONTHLY POTABLE WATER QUALITY REPORT**

The quality and safety of drinking water in the U.S. is regulated by the federal government through the U.S. Environmental Protection agency (USEPA). In California, those standards are enforced by the California Department of Public Health (CDPH). Water Quality parameters must meet both primary and secondary water quality standards as established by the CDPH.

**PRIMARY STANDARDS** - are intended to protect public health against substances in the water that may be harmful to humans if consumed for long periods of time.

**SECONDARY STANDARDS** - are to ensure esthetic qualities of water such as taste, odor or clarity. Rather than its healthfulness, these standards govern substances that may influence consumer acceptance of water.

Given that 100% of ETWD's potable water resource is fully treated and delivered by Metropolitan Water District of southern California (MWDSC) through an enclosed and protected conveyance system, the majority of the State and federal primary and secondary source water quality monitoring requirements are performed by MWDSC. The District's physical responsibility for water quality monitoring is associated with the distribution system. To monitor the distribution system water quality the District utilizes both in house and outside lab services. Routine distribution analysis conforming to CDPH requirements is conducted for the following constituents:

- 1) **Microbiological** - The number of microbiological samples and the frequency of analysis during the month is based on the population and/or service connections served. Utilizing a population of 50,000, the CDPH requires that 20 "representative" samples be collected and analyzed for coliform bacteria. The objective is to maintain water quality that is absent of coliform bacteria which is a general indicator for the existence of fecal coliform.
- 2) **Chlorine Residual** - The chlorine residual monitoring is performed in conjunction with the microbiological monitoring. The CDPH requirement for treated surface water mandates that the distribution system maintain a "detectable" residual. The number of and frequency of sampling is determined utilizing the same formula applied to microbiological requirements. At a minimum, we are obligated to collect and analyze for chlorine residual each time we collect the representative microbiological samples. Per EPA Disinfectants & Disinfection Byproduct Rule (D/DBP), which was effective January 2002, requires quarterly reporting for all sampling.
- 3) **TTHM & HAA5 Stage 2 DBPR Compliance** The U.S. Environmental Protection Agency (EPA) published the Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2 DBPR) on January 4, 2006. The Stage 2 DBPR builds on existing regulations by requiring water systems to meet disinfection byproduct (DBP)\* maximum contaminant levels (MCLs) at each monitoring site in the distribution system to better protect public health. The Stage 2 DBP rule is intended to reduce potential cancer and reproductive and developmental health risks from disinfection byproducts (DBPs) in drinking water, which form when disinfectants are used to control microbial pathogens. This final rule strengthens public health protection for customers of systems that deliver disinfected water by requiring such systems to meet maximum contaminant levels as an average at each compliance monitoring location (instead of as a system-wide average as in previous rules) for two groups of DBPs, trihalomethanes (TTHM) and five haloacetic acids (HAA5). The rule targets systems with the greatest risk and builds incrementally on existing rules. This regulation will reduce DBP exposure and related potential health risks and provide more equitable public health protection. The Stage 2 DBPR is being released simultaneously with the Long Term 2 Enhanced Surface Water Treatment Rule to address concerns about risk tradeoffs between pathogens and DBPs.

The mandatory requirement under the Stage 2 DBP rule, known as an Initial Distribution System Evaluation (IDSE) was completed by ETWD in 2008 and a Stage 2 monitoring plan has been approved by CDPH. Full Stage 2 compliance begins in 2012. The IDSE identified the locations with high disinfection byproduct concentrations. These locations will then be used by the District as the 8 sampling sites for Stage 2 DBP rule compliance monitoring. Compliance with the maximum contaminant levels for two groups of disinfection byproducts (TTHM and HAA5) will be calculated for each monitoring location in the distribution system. This approach, referred to as the locational running annual average (LRAA), differs from current requirements, which determine compliance by calculating the running annual average of samples from all monitoring locations across the system. The Stage 2 DBP rule also requires each system to determine if they have exceeded an operational evaluation level, which is identified using their compliance monitoring results. The operational evaluation level provides an early warning of possible future MCL violations, which allows the system to take proactive steps to remain in compliance. A system that exceeds an operational evaluation level is required to review their operational practices and submit a report to the state that identifies actions that may be taken to mitigate future high DBP levels, particularly those that may jeopardize their compliance with the DBP MCLs.

- 4) **Physical Quality** - Physical Quality analysis is associated with the esthetic qualities of the finished water. Primarily, we are performing analysis for taste, odor and Turbidity (Clarity). In accordance with CDPH requirements, the District collects a minimum of 15 samples per month.
- 5) **Nitrites** - Although the chloramine disinfection process has been effective in controlling TTHM levels, it requires increased monitoring and adjustment as a result of its susceptibility to the Nitrification process. Nitrification is a biological process caused by naturally occurring ammonia oxidizing bacteria. Nitrification in chloraminated drinking water can have various adverse impacts on water quality, the most serious of which is the loss of total chlorine residual which is required by the CDPH and the subsequent potential to increase bacteria-logical activity within the finished or treated water system. MWD has developed an effective nitrification monitoring and prevention program which ETWD staff have adopted and incorporated into the District's daily water quality monitoring and action plan. The number and frequency of this type of monitoring is not currently regulated by CDPH. Staff monitor the level of nitrites in source water, reservoirs and the distribution system daily and weekly in conjunction with the microbiological and chlorine sampling program. A nitrite level of between 0.015 and 0.030 would signal an alert. > 0.030 would require action such as the addition of chlorine to produce a chloramine residual.

EL TORO WATER DISTRICT MONTHLY POTABLE WATER QUALITY ANALYSIS					
MONTH:		August		YEAR : 2023	
CONSTITUENT ANALYSIS		INSIDE LAB		OUTSIDE LAB	
	MCL	NO.	RESULTS	NO.	RESULTS
1 Microbiological	Pres/Absence	126	Absence		Average
2 Chlorine (ppm) In Field	Detectable Resid	155	Average = 1.33 ppm		
3 TTHM (ppb) (Stage 2)	80 ppb				ppm
3 HAA5 (ppb) (Stage 2)	60 ppb				ppm
4 Physical Quality:			RANGE		
Turbidity (ppm)	5 NTU	20	0.00 to 0.08 Res.		
Odor	3 Units	20	ND<1		
Color	15 Units	20	ND<5		
Temperature	No standard	20	62°F To 82°F		
5 Nitrite (Alert/Action level) ppm	0.015 to 0.030 ppm	148	0.002 to 0.241		

To ensure water quality compliance, the District annually performs approximately 8,750 water quality analytical evaluations of the samples collected from the distribution system.

**Abbreviations:**

<b>RES</b>	<b>Indicates that the nitrification was isolated to a reservoir and treated</b>
<b>ND</b>	<b>None detected</b>
<b>Pres/Absence</b>	<b>Presence (P) or Absence (A) related to a positive or negative bacteriological result</b>
<b>MCL</b>	<b>Maximum Contaminant Level</b>
<b>NTU</b>	<b>Nephelometric Turbidity Units, a measure of the suspended material in the water</b>
<b>ppm</b>	<b>Parts per million</b>
<b>ppb</b>	<b>Parts per billion</b>
<b>Total Coliform</b>	<b>No more than 5% of the monthly samples may be total coliform-positive</b>
<b>N/A</b>	<b>Not available</b>

**EL TORO WATER DISTRICT  
COLLECTION SYSTEM ACTIVITY REPORT**



**MONTH ENDING: AUGUST 2023**

ODOR COMPLAINTS	MONTHLY	ANNUAL	LOCATION, ORIGIN, ACTION:		
Outside Laguna Woods Village	1	17	23582 TREVISO LAGUNA HILLS		
Laguna Woods Village	0	3			
New World	0	0			
Private System	0	0			
Other: WRP	0	0			
TOTAL	1	20			
ROOT FOAMING	FOOTAGE	CHEMICAL USED	COMMENTS		
Outside Laguna Woods Village	0	0			
Laguna Woods Village	0	0			
New World	0	0			
Other	0	0			
TOTAL	0	0			
ROOT CUTTING	FOOTAGE	COMMENTS:			
Outside Laguna Woods Village	0				
Laguna Woods Village	0				
New World	0				
TOTAL	0				
HYDRO-CLEANING <sup>1</sup>	MONTHLY FOOTAGE	TOTAL CYCLE FOOTAGE	TOTAL CYCLE COMPLETE	PERCENT OF CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 2 YEAR CYCLE
Outside Laguna Woods Village	0	344,431	152,768	44%	23%
Laguna Woods Village	12,143	263,336	12,143	5%	23%
New World	0	7,728	0	0%	23%
Private System	0		0		
TOTAL	12,143	615,495	164,911	27%	23%
Hot Spots	20,402		102,213		
COMBINED TOTALS:	32,545		267,124		
TV INSPECTIONS <sup>2</sup>	MONTHLY FOOTAGE	TOTAL CYCLE	TOTAL CYCLE COMPLETE	PERCENT CYCLE COMPLETE	PERCENT OF WEEKS INTO THE 5 YEAR CYCLE
Outside Laguna Woods Village	1,769	344,431	210,925	61%	36%
Laguna Woods Village	9,843	263,336	13,164	5%	36%
New World	0	7,728	17,270	223%	36%
Private System	0		0		
Other	0		0		
TOTAL	11,612	615,495	241,359	39%	36%
Wet Well Cleaning	3	MATHIS, WESTLINE , DELTA			
Flow Meter/Sampling	0				
Water Tank Fills	32	32,000			
1. The Hydrocleaning Objective is a 2 Year Cycle to Clean the Entire System. The current cycle began on 07/01/2022					
2 The TV Inspection Objective is a 5 Year Cycle to Inspect the Entire System. The current cycle began on 01/25/2021					



# WILL SERVE SUMMARY REPORT

August 2023

PROJECT NAME	PROJECT DESCRIPTION	PHASE	CFF
Arbors Access Ramp	Adding a 1-1/2" water service connection with backflow protection and connecting to the existing sewer system	Close-Out	\$ 28,785
Burger Town Sewer Connection	Addition of a 4" sewer lateral	Construction	\$ -
The Village at Laguna Hills (Demo Phase)	Demolition of the various sized water services, irrigation services, fire services, and sewer services at the former mall site.	Close-Out	\$ -
The Village at Laguna Hills (Retail Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$ -
The Village at Laguna Hills (Central Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$ -
The Village at Laguna Hills (Southern Residential Phase)	Installation of various sized water, fire, and sewer services at the former mall site.	Plan Check	\$ -
Womens Health Pavilion	New construction of a health pavilion with water services, irrigation services, sewer services, and fire water services.	Close-Out	\$ 21,856
Laguna Hills Inn Fire Sprinkler Upgrade	Fire System upgrades including conversion of a fire hydrant to private and addition of a 6-inch DCDA	Construction	\$ -
Moulton Parkway Commercial Kitchens	Upgrade the existing domestic service, sewer service and installation of a DCDA.	Plan Check	Not Yet Calculated
Lunar Orthodontics	Addition of a backflow prevention device	Close-Out	\$ 1,545
25376 Maximus Group Home	Upgrading the water service	Plan Check	Not Yet Calculated

**EL TORO WATER DISTRICT  
UNAUTHORIZED DISCHARGE SUMMARY**

DATE	PUBLIC / PRIVATE	SPILL TYPE	LOCATION	REASON	IMMEDIATE CORRECTIVE MEASURES	POST-INCIDENT PREVENTIVE MEASURES	RWQCB	DISCHARGED TO	SPILL VOLUME (PUBLIC) Gallons		SPILL VOLUME (PRIVATE) Gallons		REGULATORY NOTIFICATION AND RESPONSE
									CONTAINED	SPILED	CONTAINED	SPILED	
January			No Spill										
February			No Spill										
March			No Spill										
April			No Spill										
May			No Spill										
June			No Spill										
July			No Spill										
August			No Spill										
<b>LEGEND</b>									<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
S.DC = San Diego Creek		RES. = Residential		R.S. = Rocks									
S.D. = Storm Drain		C. = Commercial		C.W.D. = Calcium Water Deposits									
A.C. = Aliso Creek		S.B. = Siphon		B.P. = Broken Pipe									
G.B. = Grease Blockage		P.F. = Power Failure		U.W. = Untreated Water									
S. = Sticks		P. = Paper		R. = Roots									



## WRP BATTERY STORAGE SYSTEM

### MONTHLY REPORT

August 2023

Year 4

BILLING PERIOD		BILL SAVINGS		NET SAVINGS
08/12/22 - 09/12/22	\$	8,142.76	\$	6,552.76
09/13/22 - 10/12/22	\$	2,943.86	\$	1,353.86
10/13/22 - 11/13/22	\$	2,083.92	\$	493.92
11/13/22 - 12/13/22	\$	1,960.66	\$	370.66
12/14/22 - 01/12/23	\$	(3,571.97)	\$	(5,161.97)
01/12/23 - 02/12/23	\$	311.28	\$	(1,278.72)
02/11/23 - 03/14/23	\$	2,755.08	\$	1,165.08
03/14/23 - 04/12/23	\$	1,994.90	\$	404.90
04/12/23 - 05/11/23	\$	(558.88)	\$	(2,148.88)
05/11/23 - 06/12/23	\$	6,377.33	\$	4,787.33
06/12/24 - 07/13/24	\$	21,374.36	\$	19,784.36
07/13/24 - 08/10/24	\$	3,262.26	\$	1,672.26
<b>TOTAL</b>	<b>\$</b>	<b>47,075.56</b>	<b>\$</b>	<b>27,995.56</b>



## Sewerage Treatment Plant



23542 Moulton Pkwy, Laguna Woods, CA 92637

### Savings Report - 2023-08

Jul 13, 2023 - Aug 11, 2023

SCE TOU 8 Option D (< 2kV)

Demand Charges	Before Storage		After Storage		Savings	
Facilities Related - Distribution	1,199kW	\$18,925.77	1,106kW	\$17,458.99	93kW	\$1,466.78
Facilities Related - Transmission	1,199kW	\$6,728.36	1,106kW	\$6,206.90	93kW	\$521.46
Time Related - Distribution - Summer On-Peak	1,008kW	\$16,206.37	996kW	\$16,015.68	12kW	\$190.69
Time Related - Utility Retained Generation - Summer On-Peak	1,008kW	\$25,660.09	996kW	\$25,358.16	12kW	\$301.93
Sub-total		\$67,520.59		\$65,039.74		\$2,480.86

Energy Charges	Before Storage		After Storage		Savings	
Competition Transition Charge	477,200kWh	\$(9.54)	483,749kWh	\$(9.67)	(6,549)kWh	\$0.13
Competition Transition Charge (URG Component)	477,200kWh	\$9.54	483,749kWh	\$9.67	(6,549)kWh	\$(0.13)
Distribution - Summer Mid-Peak	24,570kWh	\$283.05	12,092kWh	\$139.30	12,478kWh	\$143.74
Distribution - Summer Off-Peak	387,328kWh	\$4,372.93	426,134kWh	\$4,811.06	(38,807)kWh	\$(438.13)
Distribution - Summer On-Peak	65,302kWh	\$825.42	45,522kWh	\$575.39	19,781kWh	\$250.03
Fixed Recovery Charge	477,200kWh	\$734.89	483,749kWh	\$744.97	(6,549)kWh	\$(10.08)
New System Generation Charge	477,200kWh	\$1,765.64	483,749kWh	\$1,789.87	(6,549)kWh	\$(24.23)
Nuclear Decommissioning Charge	477,200kWh	\$42.95	483,749kWh	\$43.54	(6,549)kWh	\$(0.59)
Public Purpose Programs Charge	477,200kWh	\$7,845.17	483,749kWh	\$7,952.83	(6,549)kWh	\$(107.66)
PUC Reimbursement Fee	477,200kWh	\$620.36	483,749kWh	\$628.87	(6,549)kWh	\$(8.51)
State Tax	477,200kWh	\$143.16	483,749kWh	\$145.12	(6,549)kWh	\$(1.96)
Transmission	477,200kWh	\$(367.44)	483,749kWh	\$(372.49)	(6,549)kWh	\$5.04
Utility Retained Generation - Summer Mid-Peak	24,570kWh	\$3,146.20	12,092kWh	\$1,548.44	12,478kWh	\$1,597.76
Utility Retained Generation - Summer Off-Peak	387,328kWh	\$33,604.55	426,134kWh	\$36,971.42	(38,807)kWh	\$(3,366.88)
Utility Retained Generation - Summer On-Peak	65,302kWh	\$9,169.73	45,522kWh	\$6,392.15	19,781kWh	\$2,777.58
Wildfire Fund Non-Bypassable Charge	477,200kWh	\$2,529.16	483,749kWh	\$2,563.87	(6,549)kWh	\$(34.71)
Sub-total		\$64,715.76		\$63,934.35		\$781.40

Other Monthly Charges	Before Storage		After Storage		Savings	
Customer Charge		\$353.69		\$353.69		\$ -
Sub-total		\$353.69		\$353.69		\$ -

Total	Before Storage		After Storage		Savings	
		\$132,590.04		\$129,327.78		\$3,262.26

This is the final version of your savings statement. The calculations in this statement use the best available data and are no longer estimated.



**To:** Board of Directors, *Municipal Water District of Orange County*

**From:** Natural Resource Results

**RE:** Monthly Board Report – August 2023

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### **Appropriations**

Government funding will be the top priority for Congress between now and the end of the fiscal year (September 30<sup>th</sup>). The Senate has moved all 12 of its appropriations bill out of committee but has not yet brought any of them to the Senate floor. The House has passed 10 of its 12 bills out of committee and has passed 1 of the 12 bills through the full House.

It is extremely unlikely that a deal on all 12 appropriations bills will be reached by September 30<sup>th</sup> which means Congress will need to pass a short-term Continuing Resolution (CR). However, even this path is fraught with challenges. Over the August recess, the House Freedom Caucus sent a letter to Speaker McCarthy that drew a red line – they will not support a CR unless it tackles a number of policy issues including border security, the “weaponized” Department of Justice and “woke” Department of Defense policies. Attaching any of these items to a CR would mean the CR would die in the Senate, where Democrats have a majority.

At this point, Speaker McCarthy essentially has two options 1) bring a CR to the floor without any of the above policy riders and use Democratic votes to pass the bill (this would likely lead to a referendum on his Speakership) or 2) include the policies mentioned above and drastically increase the chances of a government shutdown on October 1<sup>st</sup>.

There are many moving pieces to these negotiations and the situation will likely remain fluid for the foreseeable future, potentially up to the very last minute.

### **DOI Leadership Changes**

Mike Brain is now the Acting Assistant Secretary for Water and Science after the departure of Tanya Trujillo. Mike was previously one of the Deputy Commissioners at the Bureau of Reclamation. Before joining the Biden Administration, Mike spent time on the House Appropriations Committee where he was responsible for the Bureau of Reclamation’s budget and he also worked on the House Transportation and Infrastructure Committee on the subcommittee with jurisdiction over EPA and the Army Corps of Engineers.

### **Bureau of Reclamation 24-Month Study**

With the release of the study on August 15<sup>th</sup>, Reclamation announced that in 2024 they will operate under a tier 1 shortage, up from the tier 2a cuts that some states faced in 2023. Under a tier 1 shortage, California will not be required to make any cuts.

### **Post-2026 Operational Guidelines and Strategies for Lake Powell and Lake Mead**

On August 15<sup>th</sup>, the seven basin states sent a letter to the Bureau of Reclamation highlighting the need to ensure that Reclamation is engaging with the states as it begins to develop its post-2026 guidelines. Letter attached for reference.

### **WOTUS**

On Tuesday, August 29<sup>th</sup>, EPA and the Army Corps of Engineers announced their final WOTUS rule in the Federal Register. The amendment, referenced as the “Conforming Rule” by the Agencies, makes several targeted revisions to the January 2023 Rule:

- Redefining “adjacent” to simply mean “having a continuous surface connection.”
- Striking all references to waters qualifying as jurisdictional on the basis of whether they “significantly affect the chemical, physical, or biological integrity of waters” and correspondingly removing the definition and qualifying criteria for “significantly affect.” Collectively, these deletions remove all elements of the January 2023 Rule that relied on Justice Kennedy’s *Rapanos* “significant nexus” test.
- Striking “interstate wetlands” from the defined list of WOTUS categories.

While the final amendment clearly reflects the *Sackett* majority’s “continuous surface connection” test, the Agencies preserved the opportunity for protection of some water features.

First, the Agencies refrained from categorically stripping jurisdictional protections from certain stream features such as ephemeral and intermittent features. Instead, in the preamble to the Conforming Rule, the Agencies emphasize the *Rapanos* plurality position that “relatively permanent” waters do “not necessarily exclude streams, rivers, or lakes that might dry up in extraordinary circumstances, such as drought” or “*seasonal* [emphasis added] rivers, which contain continuous flow during some months of the year but no flow during dry months.”

Second, the Agencies indicate that they plan to rely on guidance and regional specific tools within their authority to develop when implementing the Conforming Rule across the country. This regional approach leaves open the option for Corps Districts to develop varying interpretations of “continuous surface connection” and “relatively permanent” that reflect their District’s unique geography and weather events.

For the same reasons the Agencies cited when bypassing public notice and comment under the APA, the Agencies also plan to have the Conforming Rule go into effect immediately upon publication in the Federal Register (expected September 1<sup>st</sup>). Because the January 2023 Rule is enjoined in roughly half the country, the Conforming Rule will only go into effect in those states where the Biden January 2023 Rule was effective. In the other states, litigation can now proceed on the merits with courts assessing whether the Biden Administration hit the mark in conforming

their January 2023 Rule with *Sackett*. Litigants in these suits are likely to also bring new claims that the Biden Administration violated the APA, both by claiming a “good cause” exemption to bypass public notice and comment rulemaking when good cause exemptions are rarely upheld, and by proceeding with immediate implementation of the Conforming Rule.

The Agencies are planning an informational webinar on the Conforming Rule for September 12<sup>th</sup> at 3pm ET. You can register [here](#) (note that registration is limited but the webinar will be recorded).





**Colorado River Basin States Representatives of  
Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming**

August 15, 2023

The Honorable Camille Touton  
Commissioner  
U.S. Bureau of Reclamation  
1849 C Street, NW  
Washington, D.C. 20240

Sent via Electronic Mail

Dear Commissioner Touton:

The undersigned Governors' Representatives of the States of Arizona, California, Colorado, Nevada, New Mexico, Utah, and Wyoming (collectively, the Basin States) respectfully submit the following comments in response to the Bureau of Reclamation's *Notice of Intent To Prepare an Environmental Impact Statement and Notice To Solicit Comments and Hold Public Scoping Meetings on the Development of Post-2026 Operational Guidelines and Strategies for Lake Powell and Lake Mead*, Fed. Reg. Vol. 88, No. 116, p. 39455 (June 16, 2023). We appreciate this opportunity to provide comments to be considered in the upcoming environmental impact statement for post-2026 operations for Lake Powell and Lake Mead (EIS or Post-2026 EIS).

The Basin States have a unique interest in the management of the Colorado River. Reclamation's engagement with the Basin States will therefore be essential to ensure the effectiveness of post-2026 operations. As parties and beneficiaries to the interstate compacts, treaties, laws, and supreme court decrees that govern the Colorado River, the Basin States have significant interests in protecting the water supplies of the forty million people who rely on the Colorado River. Recognizing the unique status of the Basin States, the Secretary of the Interior ("Secretary") must consult with the Governors' Representatives from each Basin State and collaborate on the development of alternatives for the Post-2026 EIS at Lake Powell and Lake Mead. The Secretary's options for post-2026 operations will be significantly limited without the Basin States' participation. The Basin States are committed to working with Reclamation through the NEPA process to develop the new guidelines for the Post-2026 EIS. In addition, the Basin States anticipate working together to develop an alternative for consideration and evaluation, as the States did for the NEPA process for the 2007 Guidelines.

Operational experience illustrates that the 2007 Guidelines and the 2019 Drought Contingency Plans are insufficient to properly manage Lakes Powell and Mead. Extended periods of dry hydrology and depleted reservoir conditions have highlighted the inadequacy of these measures to adapt to worsening hydrology.

The unprecedented challenges we face require greater collaboration to achieve sustainable solutions. We understand that the success of future operations of Lake Powell and Lake Mead depends on working closely with Colorado River Basin Tribes, water users, non-governmental organizations, and other stakeholders.

Collaboration with Mexico is also critical. This should occur through a separate process involving the International Boundary and Water Commission. We expect that process to occur simultaneously with the Post-2026 EIS. Additionally, the active and direct participation of the Basin States in formal meetings with Mexico is essential.

By providing these comments, we do not waive any rights, including any claims or defenses, we may have or that may accrue under any existing federal or state law or administrative rule, regulation, or guideline. Any failure by the undersigned to address specific aspects of the NOI, shall not be construed as an endorsement or an admission with respect to any factual or legal issue for the purposes of any future legal, administrative, or other proceeding. Moreover, we reserve the right to provide further comments and engage with Reclamation as it proceeds with subsequent phases of the NEPA process.

We look forward to continuing our work to protect the Colorado River system now and in the future.

Respectfully,



Thomas Buschatzke  
Governor's Representative  
State of Arizona



Rebecca Mitchell  
Governor's Representative  
State of Colorado



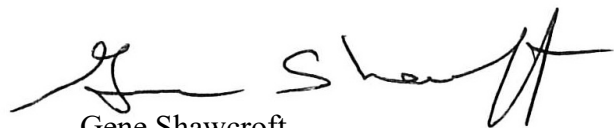
J.B. Hamby  
Governor's Representative  
State of California



John J. Entsminger  
Governor's Representative  
State of Nevada



Estevan Lopez  
Governor's Representative  
State of New Mexico



Gene Shawcroft  
Governor's Representative  
State of Utah



Brandon Gebhart  
Governor's Representative  
State of Wyoming

cc: U.S. Bureau of Reclamation via Electronic Mail - [crbpost2026@usbr.gov](mailto:crbpost2026@usbr.gov)

To:	MWDOC Workshop
From:	Syrus Devers Advocacy LLC
Date:	August 30th, 2023
Re:	State Legislative Report

### **Legislative Report**

Just like last month's report, this report is brief because it only covers the two weeks since the Legislature returned from the Summer Recess on August 14th.

The main events this week are the "suspense files" in each house. All fiscal bills, which are about 80% of all bills introduced, are designated as fiscal bills because they might put cost pressure on the State Budget. All fiscal bills go to the Appropriations Committees and, of those bills, the majority go to the suspense file. The criteria for which bills go on suspense changes every year based on budget conditions, but there are also political factors that come into play. Deciding which bills "come off suspense" and make it to the Floor for a vote is heavily dependent on leadership. Both houses will hear the suspense file on Friday, Sept. 1st.

The major bill the water community is watching on suspense is AB 1594 (Garcia), which would give water and electric utilities more assurance that they will not be required to purchase zero-emission vehicles (ZEVs) to replace heavy and medium duty trucks needed for emergency and disaster response. It is somewhat surprising the bill has made it this far without more votes against it. Legislative staff have attempted to disparage the bill in comments and committee analyses, but so far the members have not not been moved and have passed it along.

Staff may try to have the last word by working behind the scenes to keep the bill "on suspense", which halts a bill's progress until next year. If AB 1594 does come off suspense, there are no more significant obstacles for it to overcome. The California Air Resources Control Board (CARB) has agreed to not oppose the bill in the Governor's office if an amendment is taken to allow them to consult on when a vehicle has reached the end of its useful life. With CARB on the sidelines and no "NO" votes in the Legislature, the bill would be virtually certain to become law.

The other big news is the decision to push the bond bills (AB 1567 (Garcia) and SB 867 (Allen)) to the November ballot next year instead of the March primary ballot. In order to make the March ballot, the bill language would have needed to be passed in this session concluding on September 15th. A lot of work was done to lobby for the priorities of the water community in anticipation of the bill(s) moving this year, but the work was not in vain. The negotiations will pick up where they left off in the fall.



### **Administration Report**

The proposed regulations for Making Conservation a Way of Life, which began with the passage of AB 1668 (Friedman) and SB 606 (Hertzberg) in 2018, were released on August 18th. The public comment period runs until October 17th.

September 6, 2023

TO: MWDOC Board of Directors

FROM: Peter Whittingham

SUBJECT: August 2023 Report

The month of August brought Tropical Storm Hilary to Orange County and the region, dumping an historic amount of rain for the season. In addition to this event which generated significant national media coverage, following are a few of the more notable developments and issues of August:

- Hilary brought up to 4.5 inches of rain to areas of Orange County, and despite the speed of the storm and the exceptionally high existing levels in the groundwater basin, Orange County Water District (OCWD) announced that it was able to capture 2.56 inches of rain and increase its water storage behind Prado Dam to more than 3.4 billion gallons of water.
- The U.S. EPA announced its National Enforcement and Compliance Initiatives for 2024-2027, which for the first time included initiatives to mitigate climate change and address exposure to PFAS contamination. On the latter, EPA will begin implementation of EPA's [PFAS Strategic Roadmap](#) and hold responsible those who manufactured PFAS and/or used PFAS in the manufacturing process, federal facilities that released PFAS, and other industrial parties who significantly contributed to the release of PFAS into the environment. The agency's press release may be read here - [EPA Announces Federal Enforcement Priorities to Protect Communities from Pollution | US EPA](#).
- The San Bernardino County Board of Supervisors voted to join with Santa Margarita Water District and Fenner Gap Mutual Water Company as an ex-officio member of the Fenner Valley Water Authority, the joint powers authority that will oversee design, construction and operation of the proposed Cadiz Water Conservation & Storage Project.
- The San Diego County Water Authority filed suit to prevent the Fallbrook and Rainbow Water Districts from leaving the county system, citing the likelihood of environmental harm under the California Environmental Quality Act. The lawsuit challenges a 5-3 vote in July by the San Diego County Local Agency Formation

Commission to allow the two districts to join Eastern Municipal Water District without paying what the Water Authority asserts is the two agencies' fair share of water-reliability investments. The two districts are seeking to join EMWD, which draws primarily from the Colorado River and the State Water Project, in hopes of securing lower-cost water for the farmers who make up much of their respective districts. The Water Authority's suit argues that detachment will harm the environment because Fallbrook and Rainbow will draw more water from the ecologically stressed Bay-Delta via the State Water Project.

- The County of Orange, MWDOC and numerous member agencies finalized and approved their respective responses to the recent Orange County Grand Jury report, *Historic Rain, Yet Drought Remains*.
- The City of Huntington Beach completed new flood control improvements, an \$83 million project which transformed a section of the man-made channel that moves storm water out to the ocean. The work has expanded the system's readiness rating from a 20-year storm to a 100-year storm.
- Areas of the Newport Beach peninsula, both in West Newport and near the Balboa Fun Zone, along with Pacific Coast Highway in Sunset Beach were flooded by high tides, necessitating the turning of more than 30 valves in Newport Beach in an effort to prevent the bay water from breaching land. Elsewhere in Newport Beach, Friends of Newport Harbor filed another lawsuit against the City and the U.S. Army Corps of Engineers over the planned confined aquatic disposal site in Newport Harbor. The complaint seeks to prevent city funding to construct and operate the disposal unit in lower Newport Harbor, where sediment deemed unsafe for open ocean release would be stored.
- Santa Margarita Water District's Board of Directors unanimously adopted a resolution to impose adjusted charges on San Juan Capistrano's ratepayers for potable water, recycled water, and wastewater services. The increased rates are based on a Cost of Service and Rate Study conducted earlier this year and are expected to provide SMWD with an overall revenue increase of 7% each year for the next three years. The District has roughly \$40 million worth of capital improvements planned for the City's water and wastewater system over the next several years.

It is a pleasure to work with you and to represent the Municipal Water District of Orange County.

Sincerely,



Peter Whittingham

# MWDOC Workshop

## Bill Matrix

Prepared by SDA Government Relations, August 30<sup>th</sup>, 2023

### A. Priority Support/Oppose

#### [AB 334](#)

##### **(Rubio, Blanca D) Public contracts: conflicts of interest.**

**Status:** 8/28/2023-Senate amendments concurred in. To Engrossing and Enrolling. (Ayes 75. Noes 0.).

**Summary:** Current law prohibits members of the Legislature and state, county, district, judicial district, and city officers or employees from being financially interested in any contract made by them in their official capacity, or by any body or board of which they are members. Current law authorizes the Fair Political Practices Commission to commence an administrative or civil action against persons who violate this prohibition, as prescribed, and includes provisions for the collection of penalties after the time for judicial review of a commission order or decision has lapsed, or if all means of judicial review of the order or decision have been exhausted. Current law identifies certain remote interests in contracts that are not subject to this prohibition and other situations in which an official is not deemed to be financially interested in a contract. Existing law makes a willful violation of this prohibition a crime. This bill would establish that an independent contractor, who meets specified requirements, is not an officer for purposes of being subject to the prohibition on being financially interested in a contract.

Position	Priority
Support	A. Priority Support/Oppose

**Notes 1:** Support position adopted June 7th

#### [AB 460](#)

##### **(Bauer-Kahan D) State Water Resources Control Board: water rights and usage: interim relief: procedures.**

**Status:** 7/14/2023-Failed Deadline pursuant to Rule 61(a)(10). (Last location was N.R. & W. on 6/7/2023)(May be acted upon Jan 2024)

**Summary:** Current law authorizes the State Water Resources Control Board to investigate all streams, stream systems, lakes, or other bodies of water, take testimony relating to the rights to water or the use of water, and ascertain whether water filed upon or attempted to be appropriated is appropriated under the laws of the state. Current law requires the board to take appropriate actions to prevent waste or the unreasonable use of water. This bill would authorize the board, in conducting specified investigations or proceedings to inspect the property or facilities of a person or entity, as specified. The bill would authorize the board, if consent is denied for an inspection, to obtain an inspection warrant, as specified, or in the event of an emergency affecting public health and safety, to conduct an inspection without consent or a warrant.

Position	Priority
Opposition	A. Priority Support/Oppose

#### [AB 557](#)

##### **(Hart D) Open meetings: local agencies: teleconferences.**

**Status:** 6/29/2023-Read second time. Ordered to third reading.

**Calendar:** 9/1/2023 #120 SENATE ASSEMBLY BILLS - THIRD READING FILE

**Summary:** The Ralph M. Brown Act requires, with specified exceptions, that all meetings of a legislative body of a local agency, as those terms are defined, be open and public and that all persons be permitted to attend and participate. The act contains specified provisions regarding providing for the ability of the public to observe and provide comment. The act allows for meetings to occur via teleconferencing subject to certain requirements, particularly that the legislative body notice each teleconference location of each member that will be participating in the public meeting, that each teleconference location be accessible to the public, that members of the public be allowed to address the legislative body



at each teleconference location, that the legislative body post an agenda at each teleconference location, and that at least a quorum of the legislative body participate from locations within the boundaries of the local agency's jurisdiction. The act provides an exemption to the jurisdictional requirement for health authorities, as defined. This bill would revise the authority of a legislative body to hold a teleconference meeting under those abbreviated teleconferencing procedures when a declared state of emergency is in effect. Specifically, the bill would extend indefinitely that authority in the circumstances under which the legislative body either (1) meets for the purpose of determining whether, as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees, or (2) has previously made that determination.

Position	Priority
Support	A. Priority
	Support/Oppose

**Notes 1:** Support adopted April 5th

#### **AB 735**

##### **(Berman D) Workforce development: utility careers.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2023)(May be acted upon Jan 2024)

**Summary:** Would establish the High Road Utility Careers (HRUC) program, to be administered by the California Workforce Development Board, to connect existing resources with individuals interested in careers in the utility sector and ensure a continued reliable workforce for California utilities. The bill would require the board to administer the HRUC program through partnerships with statewide water, wastewater, and energy utility associations and to coordinate the program with existing and future programs and initiatives administered by the board, including high road training partnerships, in order to align interested individuals with available resources. The bill would require the HRUC program, upon appropriation by the Legislature, to dedicate funding and resources toward accomplishing specified goals, including connecting workers to high-quality jobs or entry-level work with defined routes to advancement and increasing skills and opportunities while expanding pipelines for low-income populations.

Position	Priority
Support	A. Priority
	Support/Oppose

**Notes 1:** Support adopted April 5th

#### **AB 755**

##### **(Papan D) Water: public entity: water usage demand analysis.**

**Status:** 8/22/2023-Read second time. Ordered to third reading.

**Calendar:** 9/1/2023 #239 SENATE ASSEMBLY BILLS - THIRD READING FILE

**Summary:** Current law authorizes a public entity that supplies water at retail or wholesale within its service area to adopt, in accordance with specified procedures, and enforce a water conservation program. This bill would require a public entity, as defined, to conduct a water usage demand analysis, as defined, prior to completing, or as part of, a cost-of-service analysis conducted to set fees and charges for water service that are consistent with applicable law. The bill would require a public entity to identify, within the water usage demand analysis, the costs of water service for the highest users, as defined, incurred by the public entity, and the average annual volume of water delivered to high water users.

Position	Priority
Opposition	A. Priority
	Support/Oppose

**Notes 1:** Oppose position adopted May 3rd. Amended in the Senate and may be considered for a WATCH position.

#### **AB 838**

##### **(Connolly D) California Water Affordability and Infrastructure Transparency Act of 2023.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/19/2023)(May be acted upon Jan 2024)

**Summary:** The California Safe Drinking Water Act requires the State Water Resources Control Board to administer provisions relating to the regulation of drinking water to protect public health. Current law declares it to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes. The act prohibits a person from operating a public water system unless the person first submits an application to the state board and receives a permit to operate the system, as specified. The act requires a public water system to submit a technical report to the state board as a part of the permit application or when otherwise required by the state board, as specified, and to submit the report in the form and format and at intervals specified by the state board. This bill would require, beginning January 1, 2025, and thereafter at intervals determined by the state board, public water systems to provide specified information and data related to customer water bills and efforts to replace aging infrastructure to the state board.

Position	Priority
----------	----------



Opposition

A. Priority  
Support/Oppose

**AB 1337**

**(Wicks D) State Water Resources Control Board: water diversion curtailment.**

**Status:** 7/14/2023-Failed Deadline pursuant to Rule 61(a)(10). (Last location was N.R. & W. on 6/7/2023)(May be acted upon Jan 2024)

**Summary:** Under existing law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would expand the instances when the diversion or use of water is considered a trespass. This bill contains other related provisions and other existing laws.

Position

Priority

Opposition

A. Priority

Support/Oppose

**Notes 1:** Oppose adopted April 5th

**AB 1572**

**(Friedman D) Potable water: nonfunctional turf.**

**Status:** 8/28/2023-In committee: Referred to suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would make legislative findings and declarations concerning water use, including that the use of potable water to irrigate nonfunctional turf is wasteful and incompatible with state policy relating to climate change, water conservation, and reduced reliance on the Sacramento-San Joaquin Delta ecosystem. The bill would direct all appropriate state agencies to encourage and support the elimination of irrigation of nonfunctional turf with potable water.

Position

Priority

Oppose unless  
amended

A. Priority

Support/Oppose

**Notes 1:** OUA adopted April 5th

**AB 1594**

**(Garcia D) Medium- and heavy-duty zero-emission vehicles: public agency utilities.**

**Status:** 8/14/2023-In committee: Referred to APPR suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Current law establishes the Air Quality Improvement Program that is administered by the State Air Resources Board for purposes of funding projects related to, among other things, the reduction of criteria air pollutants and improvement of air quality, and establishes the Medium- and Heavy-Duty Zero-Emission Vehicle Fleet Purchasing Assistance Program within the Air Quality Improvement Program to make financing tools and nonfinancial supports available to operators of medium- and heavy-duty vehicle fleets to enable those operators to transition their fleets to zero-emission vehicles. This bill would require any state regulation that seeks to require, or otherwise compel, the procurement of medium- and heavy-duty zero-emission vehicles to authorize public agency utilities to purchase replacements for traditional utility-specialized vehicles that are at the end of life when needed to maintain reliable service and respond to major foreseeable events, including severe weather, wildfires, natural disasters, and physical attacks, as specified. The bill would define a public agency utility to include a local publicly owned electric utility, a community water system, and a wastewater treatment provider, as specified.

Position

Priority

Support

A. Priority

Support/Oppose

**Notes 1:** Support adopted May 3rd

**SB 23**

**(Caballero D) Water supply and flood risk reduction projects: expedited permitting.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/15/2023)(May be acted upon Jan 2024)

**Summary:** Current law prohibits an entity from substantially diverting or obstructing the natural flow of, or substantially changing or using any material from the bed, channel, or bank of, any river, stream, or lake, or deposit or dispose of debris, waste, or other material containing crumbled, flaked, or ground pavement where it may pass into any river, stream, or lake, except under specified conditions, including requiring the entity to send written notification to the Department of Fish and Wildlife regarding the activity in the manner prescribed by the department. This bill would require a project proponent, if already required to submit a notification to the department, to submit to the department the certified or adopted environmental review document, as applicable, for the activity in the notification. The bill would require the department, under prescribed circumstances, to take certain actions within specified timelines, or within a

mutually agreed-to extension of time.

Position	Priority
Support	A. Priority Support/Oppose

**Notes 1:** Support position approved on 3/1/2023

**SB 366**

**(Caballero D) The California Water Plan: long-term supply targets.**

**Status:** 7/14/2023-Failed Deadline pursuant to Rule 61(a)(10). (Last location was W.,P. & W. on 6/8/2023)(May be acted upon Jan 2024)

**Summary:** Current law requires the Department of Water Resources to update every 5 years the plan for the orderly and coordinated control, protection, conservation, development, and use of the water resources of the state, which is known as "The California Water Plan." Current law requires the department to include a discussion of various strategies in the plan update, including, but not limited to, strategies relating to the development of new water storage facilities, water conservation, water recycling, desalination, conjunctive use, water transfers, and alternative pricing policies that may be pursued in order to meet the future needs of the state. Current law requires the department to establish an advisory committee to assist the department in updating the plan. This bill would revise and recast certain provisions regarding The California Water Plan to, among other things, require the department to instead establish a stakeholder advisory committee and to expand the membership of the committee to include tribes, labor, and environmental justice interests. The bill would require the department to coordinate with the California Water Commission, the State Water Resources Control Board, other state and federal agencies as appropriate, and the stakeholder advisory committee to develop a comprehensive plan for addressing the state's water needs and meeting specified long-term water supply targets established by the bill for purposes of The California Water Plan. The bill would require the plan to provide recommendations and strategies to ensure enough water supply for all beneficial uses.

Position	Priority
Support	A. Priority Support/Oppose

**SB 389**

**(Allen D) State Water Resources Control Board: investigation of water right.**

**Status:** 8/17/2023-Read second time. Ordered to third reading.

**Calendar:** 8/31/2023 #58 ASSEMBLY THIRD READING FILE - SENATE BILLS

**Summary:** Current law authorizes the State Water Resources Control Board to investigate bodies of water, to take testimony in regard to the rights to water or the use of water, and to ascertain whether or not water is appropriated lawfully, as provided. Under current law, the diversion or use of water other than as authorized by specified provisions of law is a trespass, subject to specified civil liability. This bill would instead authorize the board to investigate and ascertain whether or not a water right is valid. The bill would authorize the board to issue an information order in furtherance of an investigation, as executed by the executive director of the board, to a water right holder or claimant, diverter, or user to provide the information related to a diversion and use of water, as specified. The bill would authorize a diversion or use of water ascertained to be unauthorized pursuant to this provision to be enforced as a trespass.

Position	Priority
Opposition	A. Priority Support/Oppose

**Notes 1:** Oppose adopted April 5th. Amended in the Assembly. ACWA is now WATCH.

**SB 687**

**(Eggman D) Water Quality Control Plan: Delta Conveyance Project.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/8/2023)(May be acted upon Jan 2024)

**Summary:** Would require the State Water Resources Control Board to adopt a final update of the 1995 Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary, as provided, before the board may consider a change in point diversion or any other water rights permit or order for the Delta Conveyance Project. The bill would also, if, after completing the update of the plan and in compliance with existing law, the board approves a change in point of diversion or any other water rights permit or order associated with the Delta Conveyance Project, prohibit the operation of the Delta Conveyance Project unless and until the updated plan is fully implemented. The bill would specify that these provisions do not constitute an authorization for or approval of funding for the Delta Conveyance Project or any other project that includes isolated Delta conveyance facilities, and do not reduce any statutory or other regulatory conditions or permit requirements for Delta conveyance projects.

Position	Priority
Opposition	A. Priority Support/Oppose

**Notes 1:** Oppose adopted per Policy Principles.

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## B. Watch

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### [AB 30](#)

#### **(Ward D) Atmospheric rivers: research: reservoir operations.**

**Status:** 8/22/2023-Enrolled and presented to the Governor at 3:45 p.m.

**Summary:** Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program in the Department of Water Resources. Current law requires the department, upon an appropriation for purposes of the program, to research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would rename that program the Atmospheric Rivers Research and Forecast Improvement Program: Enabling Climate Adaptation Through Forecast-Informed Reservoir Operations and Hazard Resiliency (AR/FIRO) Program. The bill would require the department to research, develop, and implement new observations, prediction models, novel forecasting methods, and tailored decision support systems to improve predictions of atmospheric rivers and their impacts on water supply, flooding, post-wildfire debris flows, and environmental conditions.

Position	Priority
Watch	B. Watch

### [AB 62](#)

#### **(Mathis R) Statewide water storage: expansion.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/10/2023)(May be acted upon Jan 2024)

**Summary:** Current law establishes within the Natural Resources Agency the State Water Resources Control Board and the California regional water quality control boards. Current law requires the work of the state board to be divided into at least 2 divisions, known as the Division of Water Rights and the Division of Water Quality. This bill would establish a statewide goal to increase above- and below-ground water storage capacity by a total of 3,700,000 acre-feet by the year 2030 and a total of 4,000,000 acre-feet by the year 2040. The bill would require the Department of Water Resources, in consultation with the state board, to take reasonable actions to promote or assist efforts to achieve the statewide goal, as provided. The bill would require the department, beginning July 1, 2027, and on or before July 1 every 2 years thereafter until January 1, 2043, in consultation with the state board, to prepare and submit a report to the Legislature on the progress made to achieve the statewide goal.

Position	Priority
Watch	B. Watch

### [AB 66](#)

#### **(Mathis R) Natural Resources Agency: water storage projects: permit approval.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 4/19/2023)(May be acted upon Jan 2024)

**Summary:** Current law establishes the Natural Resources Agency, composed of departments, boards, conservancies, and commissions responsible for the restoration, protection, and management of the state's natural and cultural resources. Current law establishes in the agency the Department of Water Resources, which manages and undertakes planning with regard to water resources in the state. This bill would require the agency, and each department, board, conservancy, and commission within the agency, to take all reasonable steps to approve the necessary permits for specified projects that meet certain employment conditions within 180 days from receiving a complete permit application.

Position	Priority
	B. Watch

### [AB 249](#)

#### **(Holden D) Water: schoolsites: lead testing: conservation.**

**Status:** 8/21/2023-In committee: Referred to APPR suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would require a community water system that serves a schoolsite, as defined, to test for lead in the potable water system outlets of the schoolsite before January 1, 2027, except for potable water system outlets in buildings that

were either constructed after January 1, 2010, or modernized after January 1, 2010, and all faucets and other end point devices used for providing potable water were replaced as part of the modernization. The bill would require the community water system to report its findings to the applicable schoolsite or local educational agency and to the state board. The bill would require the local educational agency or schoolsite, if the lead level exceeds a specified level at a schoolsite, to notify the parents and guardians of the pupils who attend the schoolsite, take immediate steps to make inoperable and shut down from use all potable water system outlets where the excess lead levels may exist, and work to ensure that a lead-free source of drinking water is provided for pupils, as specified. The bill would require a community water system to test a potable water system outlet that replaces an outlet that is found to have excess levels of lead. The bill would require a community water system to prepare a sampling plan for each schoolsite where lead sampling is required under these provisions, as specified. The bill would require the schoolsite, local education agency, and state board to make the results of schoolsite lead sampling publicly available by posting the results on its internet website. The bill would require a schoolsite and a local educational agency, if an internet website is not maintained, to provide the results upon request. By imposing additional duties on local agencies, this bill would impose a state-mandated local program.

Position	Priority
Watch	B. Watch

#### [AB 277](#)

##### **(Rodriguez D) Extreme Weather Forecast and Threat Intelligence Integration Center.**

**Status:** 8/21/2023-In committee: Referred to APPR suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Current law establishes the Atmospheric Rivers: Research, Mitigation, and Climate Forecasting Program within the department to, upon appropriation of special fund moneys, research climate forecasting and the causes and impacts that climate change has on atmospheric rivers, to operate reservoirs in a manner that improves flood protection in the state, and to reoperate flood control and water storage facilities to capture water generated by atmospheric rivers. This bill would establish the State-Federal Flood Operations Center within the Department of Water Resources and would authorize the department to administer the center in the department's divisions, offices, or programs. The bill would provide that the purpose of the center is to function as the focal point for gathering, analyzing, and disseminating flood and water-related information to stakeholders and would authorize the center to take specified actions for that purpose, including to function during emergency situations to enable the department to centrally coordinate statewide emergency responses.

Position	Priority
Watch	B. Watch

#### [AB 305](#)

##### **(Villapudua D) California Flood Protection Bond Act of 2024.**

**Status:** 6/14/2023-Referred to Coms. on N.R. & W. and GOV. & F.

**Summary:** Would enact the California Flood Protection Bond Act of 2024 which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,500,000,000 pursuant to the State General Obligation Bond Law for flood protection projects, as specified. The bill would provide for the submission of these provisions to the voters at the November 5, 2024, statewide general election.

Position	Priority
Watch	B. Watch

#### [AB 338](#)

##### **(Aguiar-Curry D) Public works: definition.**

**Status:** 8/14/2023-In committee: Referred to APPR suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Current law requires that, except as specified, not less than the general prevailing rate of per diem wages, determined by the Director of Industrial Relations, be paid to workers employed on public works projects. Existing law defines the term "public works" for purposes of requirements regarding the payment of prevailing wages to include construction, alteration, demolition, installation, or repair work done under contract and paid for using public funds, except as specified. Current law makes a willful violation of laws relating to the payment of prevailing wages on public works a misdemeanor. This bill would, commencing January 1, 2025, expand the definition of "public works" to include fuel reduction work done under contract and paid for in whole or in part out of public funds performed as part of a fire mitigation project, as specified. The bill would limit those provisions to work that falls within an apprenticeship occupation in the building and construction trades for which an apprenticeship program has been approved and to contracts in excess of \$100,000. The bill would delay the application of those provisions until January 1, 2026, for nonprofits.



Position	Priority
Watch	B. Watch

**AB 340**

**(Fong, Vince R) California Environmental Quality Act: grounds for noncompliance.**

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was NAT. RES. on 2/9/2023)(May be acted upon Jan 2024)

**Summary:** The California Environmental Quality Act (CEQA) prohibits an action or proceeding from being brought in a court to challenge the approval of a project by a public agency unless the alleged grounds for noncompliance are presented to the public agency orally or in writing by a person during the public comment period provided by CEQA or before the close of the public hearing on the project before the issuance of the notice of determination. This bill would require the alleged grounds for noncompliance with CEQA presented to the public agency in writing be presented at least 10 days before the public hearing on the project before the issuance of the notice of determination. The bill would prohibit the inclusion of written comments presented to the public agency after that time period in the record of proceedings and would prohibit those documents from serving as basis on which an action or proceeding may be brought.

Position	Priority
Watch	B. Watch

**AB 676**

**(Bennett D) Water: general state policy.**

**Status:** 8/22/2023-Read second time. Ordered to third reading.

**Calendar:** 9/1/2023 #254 SENATE ASSEMBLY BILLS - THIRD READING FILE

**Summary:** Would specify that the use of water for domestic purposes includes water use for human consumption, cooking, sanitary purposes, care of household livestock, animals, and gardens, fire suppression and other safety purposes, and a purpose determined to be a domestic purpose as established by the common law.

Position	Priority
Watch	B. Watch

**AB 1072**

**(Wicks D) Water conservation and efficiency: low-income residential customers.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/17/2023)(May be acted upon Jan 2024)

**Summary:** Would declare the policy of the state that all residents have access to water conservation and efficiency programs. The bill would also set forth related findings including that reaching the state's environmental justice goals and commitments requires designing climate adaptation programs so that all households may participate.

Position	Priority
Watch	B. Watch

**AB 1205**

**(Bauer-Kahan D) Water rights: sale, transfer, or lease: agricultural lands.**

**Status:** 8/21/2023-In committee: Referred to APPR suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 2200 SENATE APPROPRIATIONS SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Current law declares that, because of the conditions prevailing in this state, the general welfare requires that the water resources of the state be put to beneficial use to the fullest extent of which they are capable, that the waste or unreasonable use or unreasonable method of use of water be prevented, and that the conservation of the water is to be exercised with a view to the reasonable and beneficial use of the water in the interest of the people and for the public welfare. This bill would require the State Water Resources Control Board to, on or before January 1, 2027, conduct a study and report to the Legislature and appropriate policy committees on the existence of speculation or profiteering by an investment fund in the sale, transfer, or lease of an interest in any surface water right or groundwater right previously put to beneficial use on agricultural lands, as specified. The bill would repeal this provision on January 1, 2031.

Position	Priority
Watch	B. Watch

**AB 1567**

**(Garcia D) Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024.**

**Status:** 6/14/2023-Referred to Coms. on N.R. & W. and GOV. & F.

**Summary:** Would enact the Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,995,000,000 pursuant to the State General Obligation Bond Law to

finance projects for safe drinking water, wildfire prevention, drought preparation, flood protection, extreme heat mitigation, clean energy, and workforce development programs.

Position	Priority
Watch	B. Watch

**AB 1573**     **(Friedman D)    Water conservation: landscape design: model ordinance.**

**Status:** 8/28/2023-In committee: Referred to suspense file.

**Calendar:** 9/1/2023    Upon adjournment of Session - 1021 O Street, Room 2200    SENATE APPROPRIATIONS  
SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** The Water Conservation in Landscaping Act provides for a Model Water Efficient Landscape Ordinance that is adopted and updated at least every 3 years by the Department of Water Resources, unless the department makes a specified finding. Current law requires a local agency to adopt the model ordinance or to adopt a water efficient landscape ordinance that is at least as effective in conserving water as the updated model ordinance, except as specified. Current law specifies the provisions of the updated model ordinance, as provided. Current law includes a related statement of legislative findings and declarations. This bill would require the updated model ordinance to include provisions that require that plants included in a landscape design plan be selected based on their adaptability to climatic, geological, and topographical conditions of the project site, as specified. The bill would also exempt landscaping that is part of a culturally specific project, as defined, ecological restoration projects that do not require a permanent irrigation system, mined-land reclamation projects that do not require a permanent irrigation system, and existing plant collections, as part of botanical gardens and arboretums open to the public, from the model ordinance. The bill would require the updated model ordinance to include provisions that, among other changes, prohibit the use of traditional overhead sprinklers on all new and rehabilitated landscapes and require that new and rehabilitated landscapes use only water efficient irrigation devices, require that all new or renovated nonresidential areas install in the project footprint not less than 25% California native plants, as provided, and prohibit the inclusion of nonfunctional turf in nonresidential landscape projects after January 1, 2026.

Position	Priority
Watch	B. Watch

**AB 1637**     **(Irwin D)    Local government: internet websites and email addresses.**

**Status:** 7/10/2023-In committee: Referred to APPR. suspense file.

**Calendar:** 9/1/2023    Upon adjournment of Session - 1021 O Street, Room 2200    SENATE APPROPRIATIONS  
SUSPENSE, PORTANTINO, ANTHONY, Chair

**Summary:** Would, no later than January 1, 2029, require a local agency, as defined, that maintains an internet website for use by the public to ensure that the internet website utilizes a “.gov” top-level domain or a “.ca.gov” second-level domain and would require a local agency that maintains an internet website that is noncompliant with that requirement to redirect that internet website to a domain name that does utilize a “.gov” or “.ca.gov” domain. This bill, no later than January 1, 2029, would also require a local agency that maintains public email addresses to ensure that each email address provided to its employees utilizes a “.gov” domain name or a “.ca.gov” domain name. By adding to the duties of local officials, the bill would impose a state-mandated local program.

Position	Priority
Watch	B. Watch

**Notes 1:** No longer applies to special districts

**AB 1648**     **(Bains D)    Water: Colorado River conservation.**

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 3/16/2023)(May be acted upon Jan 2024)

**Summary:** Would prohibit the Metropolitan Water District of Southern California and the Department of Water and Power of the City of Los Angeles from achieving a reduction in, or conservation of, Colorado River water consumption required by an agreement with specified entities through increased water deliveries or imports from other regions of California, including the San Joaquin Valley and the Sacramento-San Joaquin Delta. The bill would require the Colorado River Board of California, the Department of Water Resources, and the State Water Resources Control Board to use their existing authority to enforce these provisions. The bill would specify that these provisions apply retroactively to January 1, 2023, and apply to any agreement entered into on or after that date.

Position	Priority
Watch	B. Watch

**ACA 2**     **(Alanis R)    Public resources: Water and Wildfire Resiliency Act of 2023.**

**Status:** 4/20/2023-Referred to Coms. on W., P., & W. and NAT. RES.

**Summary:** Would establish the Water and Wildfire Resiliency Fund within the State Treasury, and would require the Treasurer to annually transfer an amount equal to 3% of all state revenues that may be appropriated as described from the General Fund to the Water and Wildfire Resiliency Fund. The measure would require the moneys in the fund to be appropriated by the Legislature and would require that 50% of the moneys in the fund be used for water projects, as specified, and that the other 50% of the moneys in the fund be used for forest maintenance and health projects, as specified.

Position	Priority
Out for Analysis	B. Watch

**SB 3**

**(Dodd D) Discontinuation of residential water service: public water system.**

**Status:** 8/23/2023-August 23 set for first hearing. Placed on suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS  
SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law authorizes the State Water Resources Control Board to provide for the deposit into the Safe and Affordable Drinking Water Fund of certain moneys and continuously appropriates the moneys in the fund to the state board for grants, loans, contracts, or services to assist eligible recipients. This bill would require the board to, upon appropriation by the Legislature, expend moneys to provide training statewide to community water systems with between 15 and 200 service connections to meet compliance with the Water Shutoff Protection Act.

Position	Priority
Out for Analysis	B. Watch

**SB 48**

**(Becker D) Building Energy Savings Act.**

**Status:** 8/23/2023-August 23 set for first hearing. Placed on suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS  
SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law requires each utility to maintain records of the energy usage data of all buildings to which they provide service for at least the most recent 12 complete calendar months, and to deliver or otherwise provide that aggregated energy usage data for each covered building, as defined, to the owner, as specified. Current law requires the State Energy Resources Conservation and Development Commission (Energy Commission) to adopt regulations providing for the delivery to the Energy Commission and public disclosure of benchmarking of energy use for covered buildings, and specifies that this requirement does not require the owner of a building with 16 or fewer residential utility accounts to collect or deliver energy usage information to the Energy Commission. This bill would additionally specify that the requirement does not require the owner of a building with less than 50,000 square feet of gross floor space to collect or deliver energy usage information to the Energy Commission.

Position	Priority
Watch	B. Watch

**SB 57**

**(Gonzalez D) Utilities: disconnection of residential service.**

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E. U., & C. on 3/22/2023)(May be acted upon Jan 2024)

**Summary:** Would require an electrical corporation, local publicly owned electric utility, gas corporation, local publicly owned gas utility, water corporation, or local agency that owns a public water system to postpone the disconnection of a customer's residential service for nonpayment of a delinquent account when the temperature will be 32 degrees Fahrenheit or cooler, or 95 degrees Fahrenheit or warmer, within the utility's service area during the 24 hours after that service disconnection would occur, as specified. The bill would require each of those utilities to notify its residential ratepayers of that requirement and to create an online reporting system available through its internet website, if it has one, that enables its residential ratepayers to report when their utility service has been disconnected in violation of that requirement, as specified. The bill would require the PUC to establish a citation program to impose a penalty on an electrical corporation or gas corporation that violates that requirement, and require each local publicly owned electric utility and local publicly owned gas utility to annually report to the State Energy Resources Conservation and Development Commission the number of residential service connections it disconnected for nonpayment of a delinquent account. The bill would authorize the State Water Resources Control Board to enforce the requirement that a water corporation and local agency that owns a public water system postpone a disconnection of a customer's residential service, as specified.

Position	Priority
Watch	B. Watch

**(Hurtado D) Water Quality, Supply, and Infrastructure Improvement Act of 2014: Drinking Water Capital Reserve Fund: administration.**

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was E.Q. on 3/29/2023)(May be acted upon Jan 2024)

**Summary:** The Water Quality, Supply, and Infrastructure Improvement Act of 2014 bond act provides that the sum of \$260,000,000 is to be available for grants and loans for public water system infrastructure improvements and related actions to meet safe drinking water standards, ensure affordable drinking water, or both, as specified. Current law requires the State Water Resources Control Board to deposit up to \$2,500,000 of the \$260,000,000 into the Drinking Water Capital Reserve Fund, to be available upon appropriation by the Legislature. Current law requires the state board to administer the Drinking Water Capital Reserve Fund for the purpose of serving as matching funds for disadvantaged communities and requires the state board to develop criteria to implement this provision. This bill would require the state board to provide an analysis of the criteria to implement that provision to the Senate Committee on Natural Resources and Water and Assembly Committee on Water, Parks, and Wildlife on January 1, 2025, and every 2 years thereafter.

Position	Priority
Watch	B. Watch

**(Cortese D) California Environmental Quality Act: local agencies: filing of notices of determination or exemption.**

**Status:** 8/16/2023-August 16 set for first hearing. Placed on suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** The California Environmental Quality Act (CEQA) requires a local agency that approves or determines to carry out a project subject to CEQA to file a notice of determination with the county clerk of each county in which the project will be located, as provided. CEQA authorizes a local agency that determines that a project is not subject to CEQA to file a notice of exemption with the county clerk of each county in which the project will be located, as provided. CEQA requires the county clerk to make the notice available for public inspection and post the notice within 24 hours of receipt in the office or on the internet website of the county clerk, as specified. CEQA requires an action or proceeding challenging an act or decision of a public agency, including a local agency, on the grounds of noncompliance with CEQA to be commenced within certain time periods, as specified. This bill would require a local agency to file a notice of determination with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would authorize a local agency to file a notice of exemption with the State Clearinghouse in the Office of Planning and Research in addition to the county clerk of each county in which the project will be located. The bill would require the notice, including any subsequent or amended notice, to be posted both in the office and on the internet website of the county clerk and by the Office of Planning and Research on the State Clearinghouse internet website within 24 hours of receipt. The bill would specify that the posting of the notice by the Office of Planning and Research would not affect the applicable time periods to challenge an act or decision of a local agency, as described above.

Position	Priority
Watch	B. Watch

**(Hurtado D) Department of Water Resources: water supply forecasting.**

**Status:** 8/23/2023-August 23 set for first hearing. Placed on suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Would require the Department of Water Resources, on or before December 31, 2025, to establish a formal process for annually evaluating and improving the accuracy of its water supply forecasts, adopt a new water supply forecasting model that better addresses the effects of climate change, and implement a formal policy and procedures for documenting its operational plans for the state's water supply and its rationale for its operating procedures. The bill would require the department, by December 1, 2024, to prepare, and submit to the Legislature, a report on its progress toward meeting these requirements.

Position	Priority
Watch	B. Watch

**(Laird D) Sea level rise: planning and adaptation.**

**Status:** 8/16/2023-August 16 set for first hearing. Placed on suspense file.

**Calendar:** 9/1/2023 Upon adjournment of Session - 1021 O Street, Room 1100 ASSEMBLY APPROPRIATIONS SUSPENSE, HOLDEN, CHRIS, Chair

**Summary:** Current law creates within the Ocean Protection Council the California Sea Level Rise State and Regional Support Collaborative to provide state and regional information to the public and support to local, regional, and other state agencies for the identification, assessment, planning, and, where feasible, the mitigation of the adverse environmental, social, and economic effects of sea level rise within the coastal zone, as provided. This bill would require a local government, as defined, lying, in whole or in part, within the coastal zone, as defined, or within the jurisdiction of the San Francisco Bay Conservation and Development Commission, as defined, to implement sea level rise planning and adaptation through either submitting, and receiving approval for, a local coastal program, as defined, to the California Coastal Commission or submitting, and receiving approval for, a subregional San Francisco Bay shoreline resiliency plan to the San Francisco Bay Conservation and Development Commission, as applicable, on or before January 1, 2034, as provided. By imposing additional requirements on local governments, the bill would impose a state-mandated local program. The bill would require local governments that receive approval for sea level rise planning and adaptation on or before January 1, 2029, to be prioritized for sea level rise funding, upon appropriation by the Legislature, for the implementation of projects in the local government's approved sea level rise adaptation plan.

Position	Priority
Watch	B. Watch

## **SB 315**

### **(Hurtado D) Groundwater: groundwater sustainability agencies: probationary basins.**

**Status:** 5/19/2023-Failed Deadline pursuant to Rule 61(a)(5). (Last location was APPR. SUSPENSE FILE on 5/1/2023)(May be acted upon Jan 2024)

**Summary:** The Sustainable Groundwater Management Act authorizes the State Water Resources Control Board to designate specified basins as probationary basins if certain conditions are met, including, but not limited to, that the Department of Water Resources, in consultation with the board, determines that a groundwater sustainability plan is inadequate or that the groundwater sustainability program is not being implemented in a manner that will likely achieve the sustainability goal. Current law requires the board, if it designates a basin as a probationary basin pursuant to specified conditions, to identify the specific deficiencies and potential remedies. Current law authorizes the board to request the department, within 90 days of the designation, to provide technical recommendations to local agencies to remedy the deficiencies and to develop an interim plan for the probationary basin one year after the designation, as specified. This bill would require any groundwater sustainability agency that hires a third-party consulting firm to ensure that the integrity of the science being used to develop a groundwater sustainability plan is protected and the data is not sold. The bill would delete the authorizations for the board to request technical recommendations from the department. The bill would additionally place various requirements on the board in working with a groundwater sustainability agency, including, among other things, requiring the board to provide clear benchmarks and guidance for groundwater sustainability agencies to improve their groundwater management plans.

Position	Priority
Watch	B. Watch

## **SB 865**

### **(Laird D) Municipal water districts: automatic exclusion of cities.**

**Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was GOV. & F. on 3/1/2023)(May be acted upon Jan 2024)

**Summary:** Current law authorizes a governing body of a municipal water district to adopt an ordinance excluding any territory annexed to a metropolitan water district organized under the Metropolitan Water District Act, if the territory is annexed prior to the effective date of the formation of the municipal water district. Current law requires the Secretary of State to issue a certificate reciting the passage of the ordinance and the exclusion of the area from the municipal water district within 10 days of receiving a certified copy of the ordinance. This bill would extend the number of days the Secretary of State has to issue a certificate to 14 days.

Position	Priority
Watch	B. Watch

## **SB 867**

### **(Allen D) Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024.**

**Status:** 7/6/2023-July 10 hearing postponed by committee.

**Summary:** Would enact the Drought, Flood, and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$15,500,000,000 pursuant to the State General Obligation Bond Law to finance projects for drought, flood, and water resilience, wildfire and forest resilience, coastal resilience, extreme heat mitigation, biodiversity and nature-based climate solutions, climate smart agriculture, park creation and outdoor access, and clean energy programs.

Position	Priority
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## C. Spot Bill

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**AB 422****(Alanis R) Natural Resources Agency: statewide water storage: tracking.****Status:** 4/28/2023-Failed Deadline pursuant to Rule 61(a)(2). (Last location was W.,P. & W. on 2/9/2023)(May be acted upon Jan 2024)**Summary:** Would require the Natural Resources Agency, on or before June 1, 2024, to post on its publicly available internet website information tracking the progress to increase statewide water storage, and to keep that information updated.Position  
WatchPriority  
C. Spot Bill**Total Measures: 40****Total Tracking Forms: 40**

# Metropolitan Water District of Southern California

## State Legislation Matrix

### August 14, 2023 – First Year of Legislative Session

Item No. 2f

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>AB 400</b> <b>B. Rubio (D – Baldwin Park)</b>  Sponsors: California State Association of Counties, League of California Cities	Amended 6/13/2023  Assembly Floor	<b>Local agency design-build projects: authorization.</b>  This measure would extend the existing sunset date to January 1, 2031, for the use of design-build as a delivery method for public works contracts.	<b>Support</b>  Based on October 2021 Board Action	Metropolitan’s current authority to use design-build under AB 1845 (Calderon, CH. 275, 2022) will sunset on January 1, 2028. The provisions of this bill would allow Metropolitan to use design-build for future projects through January 1, 2031.
<b>AB 1567</b> <b>Garcia (D-Coachella)</b>	Amended 5/26/2023  Senate Natural Resources and Water Committee	<b>Safe Drinking Water, Wildfire Prevention, Drought Preparation, Flood Protection, Extreme Heat Mitigation, Clean Energy, and Workforce Development Bond Act of 2024.</b>  This measure would authorize a \$15.995 billion general obligation bond for the March 5, 2024, ballot to fund a broad range of resource-based programs that will assist California to improve its climate resiliency.	<b>Support, if amended</b>  Based on June 2023 Board Action	This measure is consistent with Metropolitan’s current policy priorities and supports the objectives of Metropolitan’s Climate Adaptation Master Plan.  Metropolitan is seeking amendments to increase funding for recycled water, dam safety, regional conveyance, drought and conservation projects.
<b>AB 1572</b> <b>Friedman (D - Glendale)</b>  Co-Sponsors: Metropolitan, Heal the Bay, National Resources Defense Council	Amended 7/10/2023  Senate Appropriations Committee	<b>Potable water: nonfunctional turf.</b>  This measure prohibits the use of potable water for the irrigation of non-functional turf located on commercial, industrial, institutional. This measure provides the State Water Resources Control Board with the authority to postpone compliance dates as prescribed.	<b>Co-Sponsor</b>  Based on April 2023 Board action	Based on input from the Board and member agencies, Metropolitan sought amendments to exclude multi-family residential buildings and protect the authority and local control of public water systems. The June 19 version reflects these amendments and Metropolitan is now a “Co-Sponsor” of this measure.

# Metropolitan Water District of Southern California

## State Legislation Matrix

### August 14, 2023 – First Year of Legislative Session

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
AB 1573 Friedman (D - Glendale)  Sponsor: Earth Advocacy and California Native Plant Society	Amended on 7/10/2023  Senate Appropriations Committee	<b>Water conservation: landscape design: model ordinance.</b>  This measure would update the model water efficient landscape ordinance for new or renovated nonresidential areas to require at least 25% local native plants beginning January 1, 2026. This measure would also prohibit the use of nonfunctional turf in nonresidential landscape projects after January 1, 2026.	<b>Support</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	This measure is consistent with Metropolitan's effort to reduce nonfunctional turf within its service area. Metropolitan staff initially identified implementation challenges but were able to work with the author's office to bring Metropolitan to a support position.  Metropolitan's requested amendments included: (1) removal of the .3 plant factor, (2) a phased approach implementation of native plant requirement, and (3) require water efficient irrigation methods. The current version of the bill reflects these requested changes.
AB 1648 Bains (D - Bakersfield)	Amended 3/16/2023  Two Year Bill	<b>Water: Colorado River Conservation</b>  This measure would specifically prohibit Metropolitan and LADWP to offset federally required reductions on Colorado River resources with increased water deliveries from other regions of California, including the Delta, retroactively as of January 1, 2023.	<b>Oppose</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	This measure affects Metropolitan's flexibility with its entire water portfolio, including the Integrated Water Resources Plan and the Annual Operating Plan. Metropolitan's reliability and its ability to meet demands would also be impaired by restrictions on partnerships with its State Water Project and Colorado River Basin stakeholders.
SB 122 Senate Committee on Budget and Fiscal Review	Amended 6/26/2023  Signed by the Governor Chapter 51, 2023	<b>Flood Flow Streamlining</b>  Provisions in this trailer bill provide that diversion of flood flows for groundwater recharge do not require an appropriate water right if specified conditions regarding the diversion are met. These provisions exempt from the California Environmental Quality Act (CEQA) specified actions related to the implementation of Colorado River water conservation agreements with the US Bureau of Reclamation.	<b>Seek Amendments</b>  Based on 2023 Water Rights Principles, adopted April 2023	The no-permit authorization poses a significant concern to Metropolitan's State Water Project supplies. There is no process for protesting, no requirement that diverters avoid harm to other legal water users with water rights senior to the flood flow diverter, and no protection of SWP and CVP rights to divert "excess flows" when they exist in the system up to the full capacity of the projects. Metropolitan will work with the administration to address these issues as the program is implemented.

# Metropolitan Water District of Southern California

## State Legislation Matrix

### August 14, 2023 – First Year of Legislative Session

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>SB 124</b> <b>Senate Committee</b> <b>on Budget and</b> <b>Fiscal Review</b>	Amended 6/26/2023  Signed by the Governor Chapter 53, 2023	<b>Green Financing Programs for Federal IRA Funding</b>  This measure contains various provisions to implement the 2023 State Budget Act, which includes authorizing the State Infrastructure and Economic Development Bank and DWR to access and utilize federal funding in the Inflation Reduction Act to finance projects that reduce greenhouse emissions.	<b>Support</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	For the State Water Project, DWR's direct investment in qualifying projects could lower its capital costs, which would ultimately be passed on to Metropolitan and other SWP contractors.
<b>SB 146</b> <b>Gonzalez (D-Long Beach)</b>	Amended 6/26/2023  Signed by the Governor Chapter 58, 2023	<b>Public resources: infrastructure: contracting.</b>  This measure is part of the negotiated infrastructure trailer bill package and authorizes DWR to use the progressive design-build project delivery method for up to eight public works projects that exceed \$25 million. The Delta conveyance facilities and seawater desalination are expressly prohibited under this measure.	<b>Support</b>  Based on October 2021 Board Action	By utilizing PDB and awarding a project contract prior to the completion of all design work, DWR can potentially reduce overall costs and execute shorter project delivery schedules. This could lead to reduced costs for SWP-related projects-resulting in cost savings being passed on to Metropolitan.
<b>SB 147</b> <b>Ashby (D-Sacramento)</b>	Amended 6/26/2023  Signed by the Governor Chapter 59, 2023	<b>Fully protected species: California Endangered Species Act: authorized take</b>  This measure is part of the negotiated infrastructure trailer bill package and authorizes the take of fully protected species for certain infrastructure projects if specified conditions are met. Eligible projects include the maintenance, repair and improvement of the State Water Project, as well as critical regional and local water infrastructure.	<b>Support and Amended</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	While this alternative may have benefits over current FPS regulations, the requirements are extensive and may make permit terms infeasible or cost prohibitive and could create other litigation risks for permittees. Combined, these aspects make it unlikely Metropolitan would seek to use this method.

# Metropolitan Water District of Southern California

## State Legislation Matrix

### August 14, 2023 – First Year of Legislative Session

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
SB 149 Caballero (D-Merced)	Amended 6/28/2023  Signed by the Governor Chapter 60, 2023	<p><b>California Environmental Quality Act: administrative and judicial procedures: record of proceedings: judicial streamlining.</b></p> <p>This measure is part of the negotiated infrastructure trailer bill package and makes various changes to CEQA. This bill provides clarification for what is considered as part of the administrative record, as well as allowing a public agency to deny a request to prepare the record of proceedings. This bill also provides for expedited judicial review for specified energy and transportation projects.</p>	<p><b>Support and Amend</b></p> <p>Based on 2023 Legislative Priorities and Principles, adopted December 2022</p>	<p>Administrative Records Streamlining: Overall, the provisions would be beneficial to Metropolitan as they could lower CEQA litigation costs and shorten litigation timelines.</p> <p>Expedited Judicial Review: The process for preparing the administrative record for any governor-certified infrastructure project must follow certain extensive and potentially costly specifications. While expedited judicial review is beneficial in concept, unless amended, the prerequisites may be infeasible or costly to implement.</p>
SB 150 Durazo (D-Los Angeles)	Amended 6/26/2023  Signed by the Governor Chapter 61, 2023	<p><b>Construction: workforce development: public contracts.</b></p> <p>This measure is part of the negotiated infrastructure trailer bill package and focuses on strengthening the state's workforce and community benefits with infrastructure investments through California's share of federal funds.</p>	<p><b>Support</b></p> <p>Based on 2023 Legislative Priorities and Principles, adopted December 2022</p>	<p>This bill is intended to help develop procurement models to enhance the state's training and access pipeline for jobs while ensuring community benefits on infrastructure and manufacturing investments.</p> <p>This bill is aligned with Metropolitan's values and would benefit the district by building the next generation of the state's construction workforce.</p>



# Metropolitan Water District of Southern California

## State Legislation Matrix

### August 14, 2023 – First Year of Legislative Session

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>SB 366</b> <b>Caballero (D - Merced)</b>  Sponsors: California Municipal Utilities Association, California Council for Environmental and Economic Balance, California State Association of Counties	Amended 6/29/2023  <b>Two-year bill</b>	<b>The California Water Plan: long-term supply targets.</b> This measure would revise the California Water Plan to require the DWR to update the California Water Plan by December 31, 2028, and every five years after, to include a long-term water supply target for 2050 and discussion on the development of specified water supply sources to meet demand.	<b>Support, if amended</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	The intent of this bill is to help modernize California's water management practices and provide long-term reliable supplies in response to the current climate challenges. Metropolitan is seeking clarifying amendments to ensure the 2050 target reflects statewide, regional, and local planning efforts.  Recent amendments related to the Delta environment are not consistent with the purpose of the California Water Plan.
<b>SB 659</b> <b>Ashby (D – Sacramento)</b>  Sponsors: Sacramento Regional Water Authority	Amended <b>7/12/2023</b>  <b>Assembly Appropriations Committee</b>	<b>California Water Supply Solutions Act of 2023.</b>  This bill would require DWR to develop a groundwater recharge plan by January 1, 2026, to create additional groundwater recharge capacity and include the plan as part of the 2028 update to the California Water Plan.	<b>Support, if Amended</b>  Based on 2023 Legislative Priorities and Principles adopted December 2022.	This bill will further elevate the importance of groundwater in the state's planning efforts.  Metropolitan is requesting amendments to add clarifying language to the definition of stormwater capture and merge this plan into the development of the California Water Plan to remove duplication of effort and ensure more comprehensive planning.
<b>SB 687</b> <b>Eggman (D - Stockton)</b>	Amended 5/2/2023  Two-year bill	<b>Water Quality Control Plan: Delta Conveyance Project.</b>  This measure will require the State Water Resources Control Board to adopt a final update of the Bay-Delta Water Quality Control Plan before the Board considers a change in the point of diversion or any other water rights permit or order for the Delta Conveyance Project.	<b>Oppose</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	Metropolitan supports updating the Water Quality Control Plan to protect beneficial uses in the Delta. However, this bill would result in halting or delaying planning efforts on the Delta Conveyance Project and potentially prevent the project from operating if approved.

# Metropolitan Water District of Southern California State Legislation Matrix

## August 14, 2023 – First Year of Legislative Session

Bill Number Author	Amended Date Location	Title-Summary	MWD Position	Effects on Metropolitan
<b>SB 706</b> <b>Caballero (D-Merced)</b>  Sponsors: CA State Association of Counties; County of San Diego; Design Build Institute of America Western Pacific Chapter; League of California Cities	Amended 6/28/23  Assembly Appropriations Committee	<b>Public contracts: progressive design-build: local agencies.</b>  This bill would provide additional authority, until January 1, 2023, for cities, counties, and special districts to use progressive design-build authority for up to 10 public works projects that are in excess of \$5 million. In addition, any local agency that uses this authorized progressive-design build process must submit a report to the Legislature.	<b>Support</b>  Based on 2023 Legislative Priorities and Principles, adopted December 2022	Currently, progressive design-build eligible projects are limited to wastewater treatment facilities, park and recreational facilities, solid waste management facilities and water recycling facilities. However, this bill will now authorize Metropolitan to address other physical structures and needs to further support Metropolitan's operations for reliable water supply deliveries throughout its service area.
<b>SB 867</b> <b>Allen (D-Santa Monica)</b>	Amended 6/22/2023  Assembly Natural Resources Committee	<b>Drought, Flood and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024.</b>  This measure would authorize a \$15.5 billion general obligation bond for a range of resource-based programs that will improve California's climate resiliency. If approved, this measure would be on the March 5, 2024 statewide ballot.	<b>Support, if amended</b>  Based on June 2023 Board Action	This measure is consistent with Metropolitan's current policy priorities and supports the objectives of Metropolitan's Climate Adaptation Master Plan.  Metropolitan is seeking amendments to increase funding for recycled water, dam safety, regional conveyance, drought, and conservation projects.



## STAFF REPORT

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**To: Board of Directors**

**Meeting Date: September 28, 2023**

**From: Sherri Seitz, Public Affairs Manager**

**Subject: Public Education and Outreach Report**

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### **Bill Message**

Customer September/October bill message:

Fall is the perfect time to refresh your landscape. Nearly half of residential water is used outdoors, and as much as half of that is wasted or lost to overwatering, runoff and evaporation. Visit [www.ETWD/conservation/landscape-workshops](http://www.ETWD/conservation/landscape-workshops) for more information on upcoming leak detection and landscape workshops.

### **Newsletter**

A copy of ETWD's Fall 2023 Newsletter follows this report. Distribution to the ETWD customers will begin mid-September.

### **Past Events**

#### **Inspection Trip of Orange County Water Supply and Infrastructure for the Orange County Grand Jury**

On August 29th, ETWD welcomed members of the Orange County Grand Jury, Metropolitan Water District of Southern California (MWD) and the Municipal Water District of Orange County (MWDOC) for a presentation and tour of the 275 million gallon El Toro Regional Reservoir. General Manager Dennis Cafferty provided a history and behind the scenes look at what it takes to maintain a reservoir this large. The visit was one of three stops of the MWD and MWDOC Water Supply and Infrastructure trip. Photos of the event follow.



Public Education and Outreach Report  
Page 2





### **Upcoming Community Events**

#### **Laguna Woods Village Gate 11 Fall Meeting (CH 2)**

On September 26, Vu Chu and Sherri Seitz will staff an information table at the Laguna Woods Village Gate 11 Fall meeting. The meeting is in Clubhouse 2 from 3 p.m. – 5 p.m.

#### **Laguna Woods Village College Club**

On September 20, 2023, ETWD staff Vu Chu and Sherri Seitz will present on “How water gets to your tap” to the club at their monthly meeting. The meeting will be held at Clubhouse 5 at noon.

#### **South County Disaster Preparedness Expo**

Staff will staff a booth at the City of Mission Viejo South County Disaster Preparedness Expo on Saturday, October 21, 2023 from 9 am to 12 pm at the Village Green at the Norman Murray Community and Senior Center.



## **H2O for HOAs**

ETWD staff is partnering with MNWD, IRWD, SMWD, SCWD, TCWD, LBCWD and the cities of Aliso Viejo, Dana Point, Laguna Beach, Laguna Hills, Laguna Niguel, Laguna Woods, Lake Forest, Mission Viejo, Rancho Santa Margarita, San Clemente and Unincorporated Orange County to hold this year's H2O for HOA event on Thursday, October 26, 2023 from 8 a.m. to 12 p.m. at the Norman P. Murray Community Center in Mission Viejo. This year we are excited to have one of ETWD's customers, Donna Rane-Szostak, Laguna Woods Village Third Mutual Director, as a panelist on the "How to Push Through a Successful Project" panel from an HOA perspective.

## **ETWD "Pipe Patrol - Leak Detection and Prevention" Workshops**

Vu Chu will conduct 2 "Pipe Patrol – Leak Detection and Prevention" Workshops at ETWD headquarters. These workshops will provide customers information on how to find, fix and prevent leaks in and around the home. The first workshop is scheduled for Tuesday, October 24 from 6:30 p.m. to 8 p.m. and the second workshop is Saturday, October 28 from 9 a.m. to 10:30 a.m.

## **MWD Landscape Workshops**

ETWD is co-hosting a series of free online landscape workshops with MWD and run by G3 Green Gardeners Group. For each class, ETWD will be able to provide an introduction for each workshop. Schedule is as follows:

October 18 – 6 pm to 7 pm – Good Bye Grass – Qualify for a Turf Removal Rebate  
October 21 – 9 am – 10 am – Deciphering Your Irrigation Controller  
November 2 – 6 pm to 7 pm – CA Friendly Native Plant Landscape  
November 7 – 6 pm to 7 pm - Irrigation & Water Use Efficiency  
November 8 – 6 to 7:30 pm – Garden Design  
November 14– 6 pm to 7 pm – Drip Irrigation

## **Girl Scouts Tour**

ETWD is co-hosting a Girl Scout tour with MWDOC at the ETWD Water Recycling Plant on Saturday, November 4, 2023 from 9 a.m. – 11 a.m.

### **City of Lake Forest/Lake Forest Chamber of Commerce**

#### **Law & Order O.C – Legislative Luncheon**

ETWD will provide drought tolerant centerpieces for the City of Lake Forest/Lake Forest Chamber of Commerce Law & Order O.C. Legislative Luncheon in November.

#### **Elf Yourself 5K**

ETWD staff will provide water from ETWD's water trailer to race attendees at the upcoming City of Lake Forest/Lake Forest Chamber of Commerce Elf Yourself 5K Race on Saturday, November 18, 2023 at the Lake Forest Sports Park. A flyer follows this report.

#### **Boy Scout Tour**

ETWD is co-hosting a Boy Scout tour with MWDOC at the ETWD Water Recycling Plant on Saturday, December 9, 2023 from 8 a.m. – 12 noon.



El Toro Water District · Fall 2023

# WATER VIEWS

SERVING THE PUBLIC, RESPECTING THE ENVIRONMENT

## MAKE A SPLASH THIS FALL WITH CALIFORNIA-FRIENDLY LANDSCAPING AND REBATES

Fall is the perfect time to refresh your landscape. Nearly half of residential water is used outdoors, and as much as half of that is wasted or lost to overwatering, runoff and evaporation. Here are some easy tips to select the right plants and save water.

### Tune-up your irrigation system

- ✓ Check your irrigation system monthly for broken pipes, valves, pressure, spray head pattern, water runoff, and make repairs.
- ✓ Set your irrigation controller with seasonal weather changes. Turn the controller off for rain.
- ✓ Use a garden moisture meter to check root zones for moisture and determine watering needs.



### Get smart about soil

- ✓ Over time, soil compacts and forms an impenetrable surface. Aerate your soil and lawn to break up the hard surface so water can soak in to give plants more oxygen, nutrients and water.
- ✓ Add soil amendments to build in nutrients and improve water percolation. Remember, we have clay soil here in south Orange County.

### Mulch your plant beds

- ✓ Mulch minimizes water loss, controls weeds and returns nutrients to the soil.
- ✓ Spread two to three inches of mulch in plant beds and around trees.
- ✓ Keep mulch away from the base of shrubs and trees to prevent decay and disease.

### Irrigation upgrades

- ✓ Install a smart controller that automatically adjusts the watering time and frequency based on soil moisture, rain, wind, evaporation and transpiration rates or plant types.
- ✓ Change spray heads in lawn and shrub areas to low-precipitation multi-stream rotators to save up to 30% less water compared to traditional spray heads.
- ✓ Use bubblers, drip irrigation or low-volume spray heads in planter beds.
- ✓ After planting, mulch and adjust your irrigation controller for the valve that will water your new plant area. Most new plants need a little extra water until they are established. Once they start growing, turn the water down to only what they need.

### Plant changes

- ✓ Choose California-friendly and native plants.
- ✓ Group plants with others that match the sun, water and space needs of the plants.
- ✓ Create a hydro zone in one area with plants that have similar water needs.



## Water Saver Rebates

Rebates are available for the turf removal program, spray-to-drip irrigation, rotating spray heads and weather-based irrigation controllers. Visit [ETWD.com/conservation/rebates](https://www.etwd.com/conservation/rebates).

For specific landscape questions, please contact ETWD's Water Use Efficiency Analyst, Vu Chu at (949) 837-7050, ext. 253.

## Learn More

Visit [ETWD.com/conservation/landscaping](https://www.etwd.com/conservation/landscaping) to learn more and sign up for a free ETWD leak detection workshop or online class.

## EL TORO WATER DISTRICT

24251 Los Alisos Blvd  
Lake Forest, CA 92630

[district@etwd.com](mailto:district@etwd.com)

(949) 837-7050

[etwd.com](https://www.etwd.com)





## JOIN US AT THE NEXT COMMUNITY ADVISORY GROUP MEETING

Interested in learning more about ETWD behind the scenes? We hold quarterly Community Advisory Group meetings to provide our customers a community information forum and discuss pertinent topics related to ETWD, including water quality, local and regional water supply, water use efficiency, and finance.

We place great value in our customers' interests and concerns, and this group has been an important feature for planning for the future. The next meeting is on **Nov. 9, 2023, at 11:30 a.m.** Sign up to receive quarterly invitations on our website homepage at [ETWD.com](https://etwd.com).

## UPCOMING CLASSES AND WORKSHOPS

### Pipe Patrol: Leak Detection and Prevention Workshop

Join us for two in-person workshops at ETWD, 24251 Los Alisos Blvd., Lake Forest, CA 92630.



**TUESDAY, OCT. 24, 2023, 7 – 8:30 P.M.**

Sign up at <https://conta.cc/45uQGJC>



**SATURDAY, OCT. 28, 2023, 9:30 – 11 A.M.**

Sign up at <https://conta.cc/47DITv2>

### Enhance Your Landscape Skills

Join free Zoom workshops co-hosted by ETWD and Metropolitan Water District with a focus on sustainable yard solutions.

- 💧 **GOODBYE GRASS – QUALIFY FOR A TURF REMOVAL REBATE · OCT. 18, 6 – 7 P.M.**
- 💧 **DECIPHERING YOUR IRRIGATION CONTROLLER · OCT. 21, 9 – 10 A.M.**
- 💧 **CALIFORNIA-FRIENDLY NATIVE PLANT LANDSCAPE · NOV. 2, 6 – 7 P.M.**
- 💧 **IRRIGATION & WATER USE EFFICIENCY · NOV. 7, 6 – 7 P.M.**
- 💧 **GARDEN DESIGN · NOV. 8, 6 – 7:30 P.M.**
- 💧 **DRIP IRRIGATION · NOV. 14, 6 – 7 P.M.**



### Learn more and sign up

[ETWD.com/conservation/landscape-workshops](https://etwd.com/conservation/landscape-workshops)

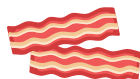
## DON'T INVITE FOG TO HOLIDAY MEALS

FOG (fats, oils and grease) is one pesky guest that doesn't deserve a seat at your holiday table. Putting FOG down the drain or garbage disposal can clog your pipes and cause sewage to back up into your house and spill into the streets.

Protect your pipes and our environment by keeping these items out of your drain. Dispose of them in your green waste container or in the trash if you do not have organic recycling in your area.



**GRAVY**



**BACON GREASE**



**MEAT DRIPPINGS**



**SOUR CREAM**



**COOKING OIL**



**SALAD DRESSING**



**MAYONNAISE**



**SHORTENING, LARD, BUTTER AND MARGARINE**





## IN THE COMMUNITY



### Orange County Grand Jury Water Supply and Infrastructure Trip

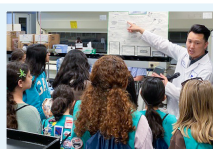
In August, ETWD welcomed members of the Orange County Grand Jury, Metropolitan Water District of Southern California and the Municipal Water District of Orange County for a presentation and tour of the 275 million gallon El Toro Regional Reservoir. General Manager Dennis Cafferty dived into the history and provided a behind the scenes look at what it takes to maintain a reservoir this large.



### Girl Scout Patch Clinic

Saturday, Nov. 4, 9-11 a.m.

ETWD is partnering with MWDOC and the Girl Scouts of America to bring the



Water Resources &

Conservation Patch Clinic to ETWD. This two-hour, STEM-based clinic allows Girl Scouts to learn where their water comes from and a tour of ETWD's Water Recycling Plant. Registration is limited. [Sign up: mwdoc.com/nov04clinic](http://mwdoc.com/nov04clinic)

### Boy Scout Patch Clinic

Saturday, Dec. 9, 8 a.m. – 12 p.m.

ETWD is partnering with MWDOC and the Boy Scouts of America to bring the Soil & Water

Conservation Merit Badge Clinic to ETWD.

Scouts ages 11-17 can learn about the importance of soil and water with hands-on activities and a tour of ETWD's Water Recycling Plant. Registration is limited.

[Sign up: mwdoc.com/dec09clinic](http://mwdoc.com/dec09clinic)



## BEHIND THE SCENES AT ETWD



## NEW FACES AT ETWD



### Marc Avila Jr.

MAINTENANCE WORKER I

#### Top Priorities

Maintaining water system infrastructure, including valves, hydrants and service lines.

#### Experience

Marc's trajectory demonstrates the opportunities for ETWD staff to grow their careers. After a successful internship with the sewer collections department, Marc was promoted to a full-time role with the operations crew.

**"I enjoy the camaraderie of working together with the ETWD team to complete tasks and handle emergencies."**

### Jessica Ocampo

CUSTOMER SERVICE REPRESENTATIVE

#### Top Priorities

Responding to customer inquiries about sewer or water service and providing solutions to create a positive impact in ETWD customers' lives.

#### Experience

Water is a family affair for Jessica. She was inspired to pursue a career in water by her husband's nine years of water industry service.

**"Treat each customer as if you are that customer."**



### Mark Bastia

MAINTENANCE WORKER I

#### Top Priorities

Performing maintenance tasks at pump stations to maintain water quality for customers.

#### Experience

Mark's passion for public service ignited in a role at the City of San Juan Capistrano. Inspired to pursue a career in water and wastewater, he earned industry certifications and joined the ETWD team.



**"I really appreciate ETWD's commitment to protecting the local environment and high standards in providing clean water to our customers."**



## ETWD EARNs PRSA BRONZE ANVIL AWARD

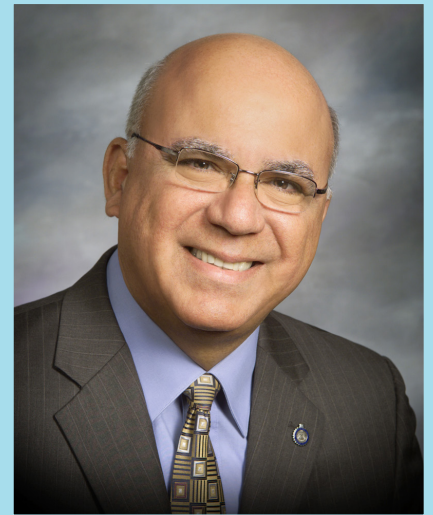
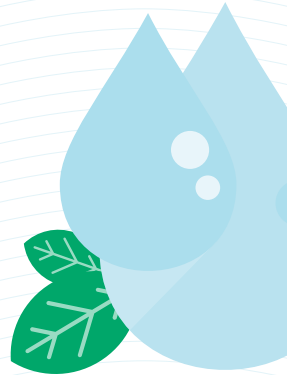


ETWD Public Affairs Manager, Sherri Seitz, accepts the award on behalf of ETWD.

Keeping the lines of communication open between ETWD and our customers is a top priority for the District. The Water Views newsletter that you're reading right now is one of the public outreach channels we use to help ETWD customers stay updated with the latest information and resources.

We're delighted to report that the newsletter earned a top national honor,

a 2023 Bronze Anvil Award from the Public Relations Society of America (PRSA). The Anvils are considered the icon of the profession and the benchmark of high performance in public relations and community outreach. Bronze Anvil Awards recognize outstanding activities that contribute to the success of public outreach programs and campaigns.



## BOARD VICE PRESIDENT JOSE VERGARA RETIRES

Congratulations to ETWD Board of Directors Vice President Jose Vergara on retiring after 11 years of service. Director Vergara's strong leadership propelled ETWD forward in accomplishing many milestones during his tenure. Several key projects undertaken with Director Vergara's oversight include the Recycled Water Expansion Project, the R-6 Reservoir Cover and Liner Replacement Project, a strategic planning process, and participating in the Baker Water Treatment Plan Project. ETWD appreciates Director Vergara's dedication to the District and wishes him well in all future endeavors.

## BOARD OF DIRECTORS



### PRESIDENT

Kay Havens

### DIRECTOR

Mike Gaskins

### VICE PRESIDENT

Vacant

### DIRECTOR

Mark Monin

### DIRECTOR

Kathryn Freshley

### GENERAL MANAGER

Dennis P. Cafferty

The Board of Directors meeting takes place on the fourth Thursday of the month, and the Engineering and Finance Committee meets on the Monday before the Board of Directors meeting at 7:30 a.m. in person and via Zoom teleconference.

We encourage you to join us. Meeting agendas are posted on our website and include teleconference access and instructions. Learn more: [etwd.com/governance/meetings-agendas-minutes](https://etwd.com/governance/meetings-agendas-minutes)

ETWD delivers drinking water, recycled water and wastewater services to customers in the City of Laguna Woods and portions of the cities of Lake Forest, Mission Viejo, Laguna Hills and Aliso Viejo

Have questions? Call us at (949) 837-7050 or email us at [district@etwd.com](mailto:district@etwd.com).





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# ELF YOURSELF 5K

**SATURDAY NOVEMBER 18, 2023**

**5K RACE STARTS AT 9AM**

**LAKE FOREST SPORTS PARK**

**28000 RANCHO PARKWAY**

**REGISTER ON ACTIVE.COM**

**DISCOUNT  
CODE:**



**BENEFITS LOCAL CHAMBER NONPROFITS**

**KIDS ZONE: SANTA, INFLATABLES, CRAFTS, & GAMES**

**VENDOR VILLAGE: FOOD/DRINK SAMPLES, RAFFLES,**

**PODIUM AWARDS, SWAG, & MORE**

**PET COSTUME CONTEST**



**@ELFYOURSELF5K**



**CONTACT US: (949) 583-9639 | [info@lakeforestCAchamber.com](mailto:info@lakeforestCAchamber.com)**



## STAFF REPORT

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**To:** Board of Directors

**Meeting Date:** September 28, 2023

**From:** Vu Chu, Water Use Efficiency Analyst

**Subject:** Water Use Efficiency Report

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### **Rebate Programs:**

The SoCal WaterSmart regional rebate program is available to ETWD customers provided by the Metropolitan Water District of Southern California, the Municipal Water District of Orange County and ETWD.

The following tables reflect the ETWD customer device rebates available to customers from July 2022 through June 30, 2024.

Select device purchases are eligible for rebates while meeting eligibility requirements and subject to funding availability. Rebate information can be found at [www.etwd.com/conservation/rebates](http://www.etwd.com/conservation/rebates).

### **Residential Rebate Programs:**

<b>Device</b>	<b>MET Rebate</b>	<b>MWDOC Grant</b>	<b>ETWD Rebate</b>	<b>Total Rebate (up to)</b>
High Efficiency Clothes Washer	\$85		\$115	\$200
Premium High Efficiency Toilet	\$40		\$60	\$100
Rotating Sprinkler Nozzles (min 30 per home)	\$2 ea			\$2
Smart Irrigation Timer	\$80	\$100	\$70	\$250
Turf Removal Program (up to 5,000 sq ft)*	\$2 sq. ft.	\$1 sq. ft.	\$1 sq. ft.	\$4 sq. ft.
Soil Moisture Sensor System <1 Acre >1 Acre	\$80 \$35/station	\$100	\$70	\$250 \$35/station

Water Use Efficiency Report  
Page 2

Hose Bib Irrigation Controller	\$35			\$35
Rain Barrels	\$35			\$35
Cisterns				
(200 -500 gallon)	\$250			\$250
(501-999 gallon)	\$300			\$300
(1,000 gallon or more)	\$350			\$350
Spray to Drip Irrigation (up to 5,000 sf of converted area per fiscal year)		\$0.50 sq. ft.	\$0.25 sq. ft.	\$0.75 sq. ft.

\*Designated recycled water sites are not eligible for turf removal rebates. MWDOC Grant funding based on availability. ETWD has discontinued funding of synthetic turf rebates.

**Commercial Rebate Programs:**

Device	MET Rebate	MWDOC Grant	ETWD Rebate	Total Rebate (up to)
Premium High Efficiency Toilet	\$40			\$40
Multi-family Premium High Efficiency Toilet	\$40			\$40
Zero Water/Ultra Low Water Urinal	\$200			\$200
Plumbing Flow Control Valve (min. 10)	\$5			\$5
Smart Irrigation Timer/Central Computer Irrigation Controller/Soil Moisture Sensor System/Hose Bib Irrigation Controller	\$35/station			\$35/station
Rotating Sprinkler Nozzles (minimum quantity of 15)	\$2			\$2
Rotating Nozzles – Large Rotary	\$13			\$13
Turf Removal Program (up to 50,000 sq ft MET-MWDOC/up to 10,000 sq. ft. ETWD funding)*	\$2 sq. ft*			\$2 sq. ft.*
Spray to Drip Irrigation (up to 45,000 sq. ft)		\$0.50 sq. ft.		\$0.50 sq. ft.

\*Designated recycled water sites are not eligible for turf removal rebates. Synthetic turf is not eligible for the turf removal rebate. Additional commercial rebates available online at [ocwatersmart.com](http://ocwatersmart.com). MWDOC Grant funding based on availability.

**Actual Customer Rebates Analysis:**

The following ETWD residential customer and commercial customer device rebates were approved by the Metropolitan Water District and the Municipal Water District of Orange County during the month of August 2023.

<b>Residential Device Rebates</b>	<b>Rebates Approved August 2023</b>	<b>ETWD Amount Paid</b>	<b>MET Amount Paid</b>	<b>Total Rebate Paid</b>
High Efficiency Clothes Washer	4	\$460	\$340	\$800.00
Weather Based Irrigation Controller	3			\$457.56

The following ETWD rebates for Turf Removal Program and Spray-To-Drip Program that have been paid during the current fiscal year 2023/2024.

<b>Turf Removal Program</b>	<b>Total sq.ft. Paid</b>	<b>ETWD Supplemental Amount</b>	<b>ETWD Supplemental Rebate Total</b>
Turf Removal Residential & Commercial	1,509	\$1 sq. ft.	\$1,509.00
Spray-To-Drip Residential & Commercial	2,289	\$0.25 sq. ft.	\$572.25

**Water Use Efficiency Plan Update:**

The District Water Budget-Based Tiered Conservation Rate Structure (WBBTCRS) pricing structure is the primary plan that gives customers the incentive needed to be efficient. The Plan efforts initially will concentrate on those customers continually in the Inefficient and Excessive Tiers (Tiers 3 and 4). During August 2023, residential customers accounted for 58.9% of Tier 3 usage and dedicated irrigation accounted for 41.1%. For Tier 4, residential customers accounted for 50.9% and dedicated irrigation accounted for 49.1% during the same period.

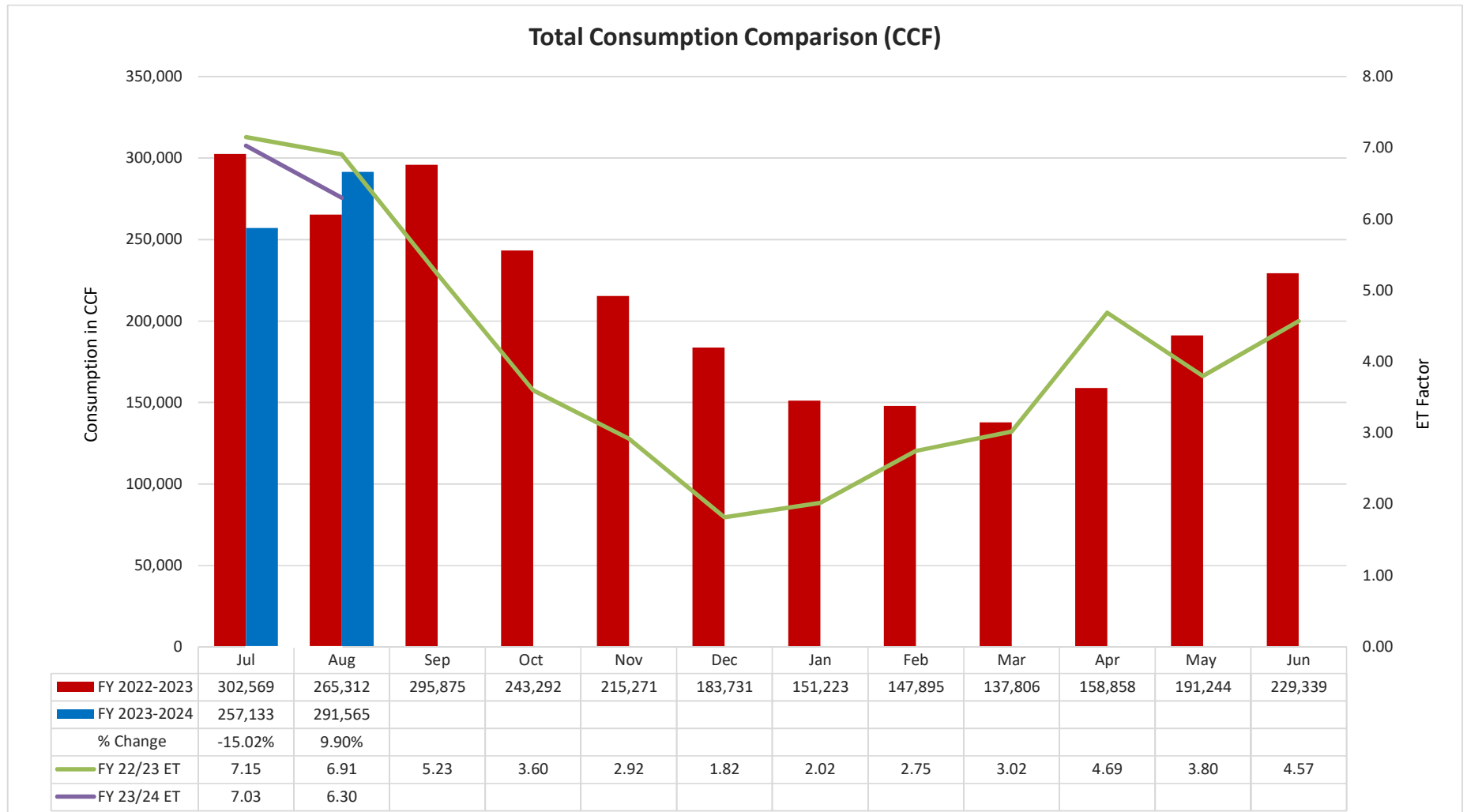
**Total Consumption Comparison to Evapotranspiration (ET) Factor:**

Included in this month's Water Use Efficiency Report is a chart comparing the current fiscal year consumption and ET factor to the fiscal 2022/23 consumption and ET factor. Total potable water consumption increased 9.90% in August 2023 versus August 2022. The ET factor decreased from 6.91 to 6.30 during the same period.



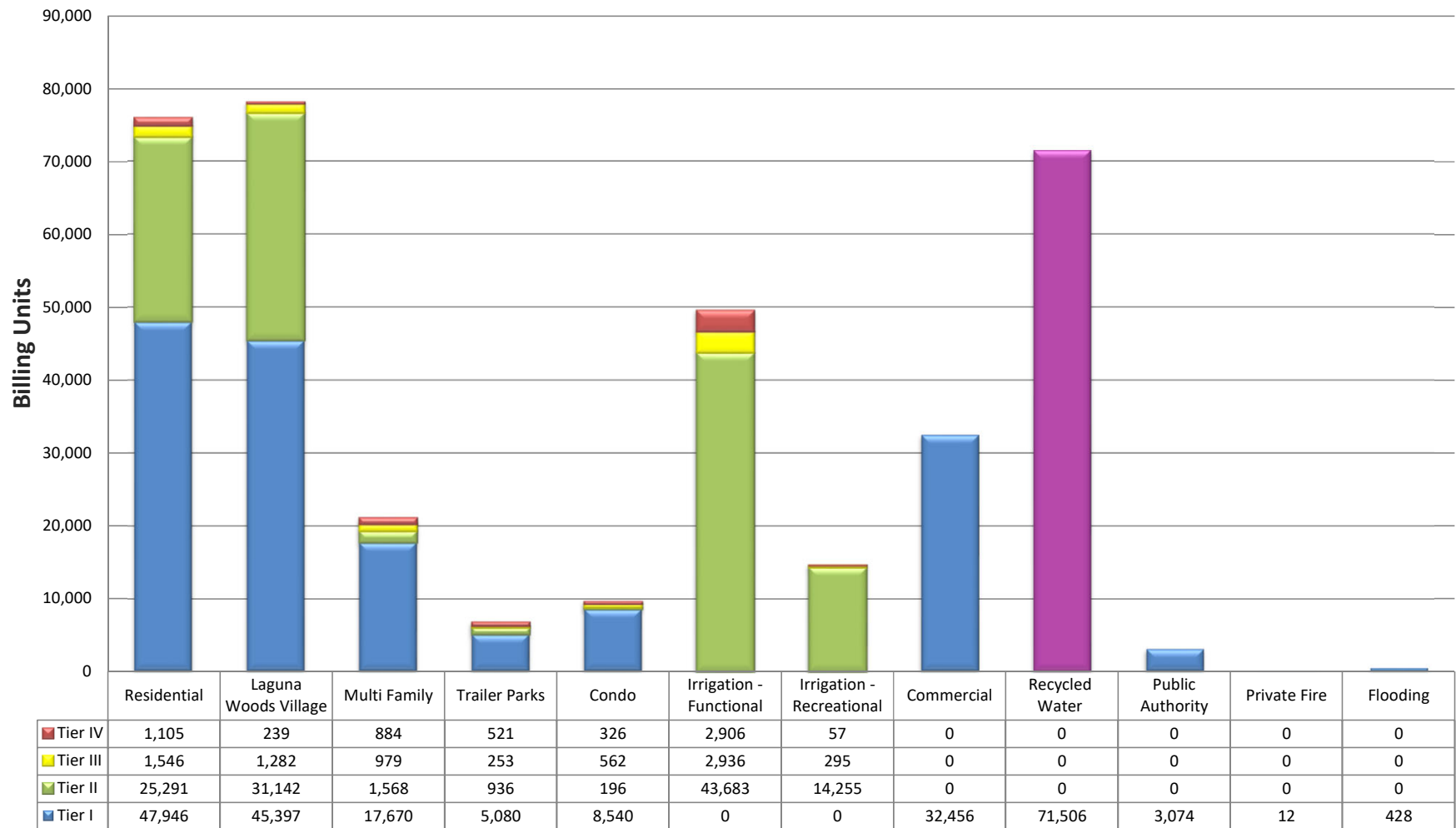
**ETWD Tier Consumption Information and Usage Information Compared to Previous Years:**

The following graphs highlight ETWD year-to-date consumption and consumption by tier for the current fiscal year compared to 2022-2023 fiscal year. ETWD water consumption compared to 2013 and 2020 are also included.

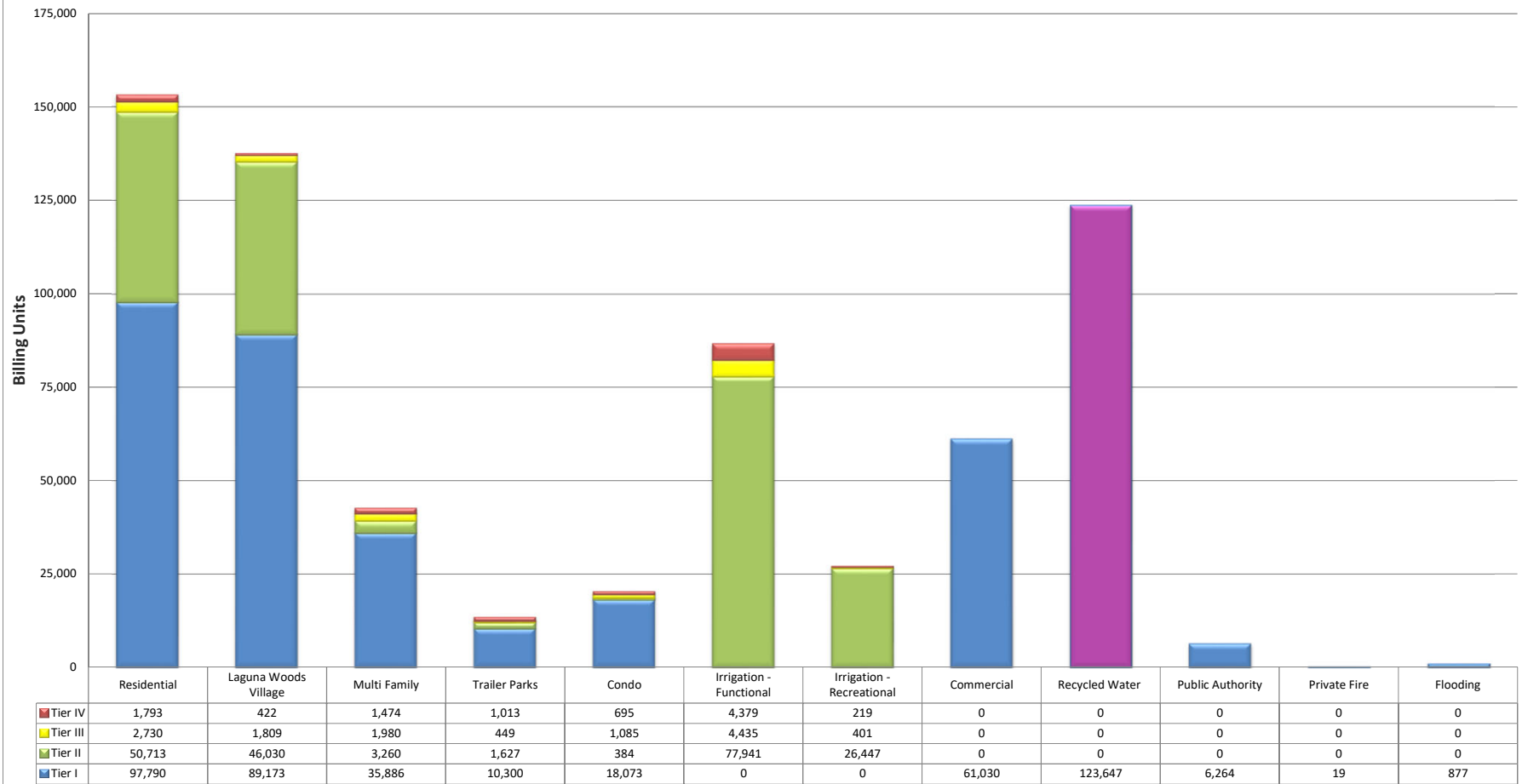


\*Tropical Storm Hilary occurred during the 4th week of August 2023. Impact to usage will be captured in September billing cycle.

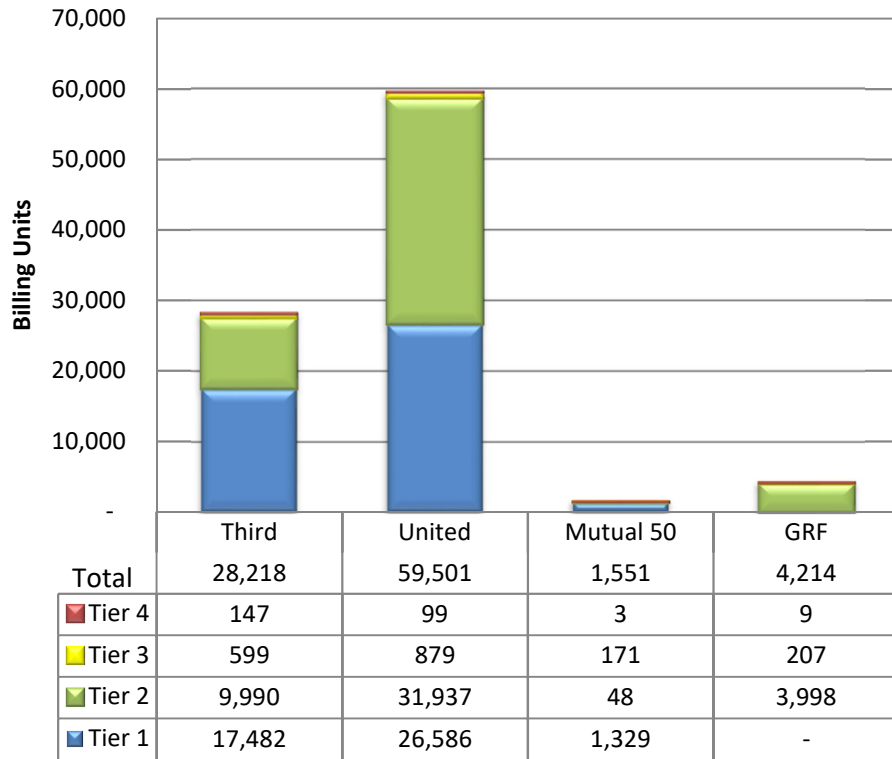
## August 2023 Water Sales



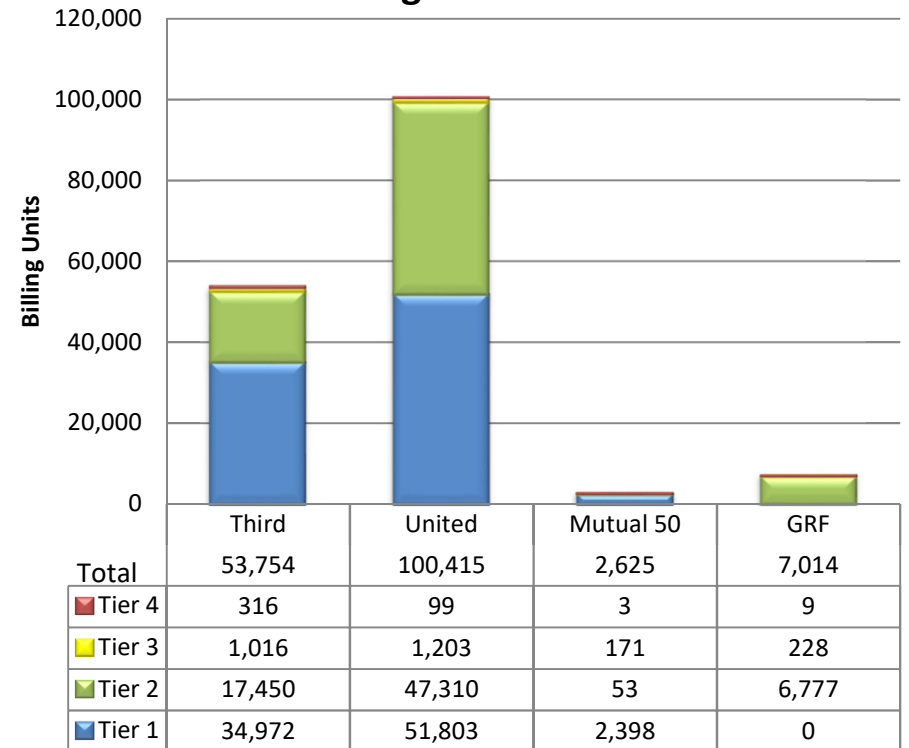
### Year-to-Date Water Sales as of August 2023



## Laguna Woods Village August 2023 Water Sales

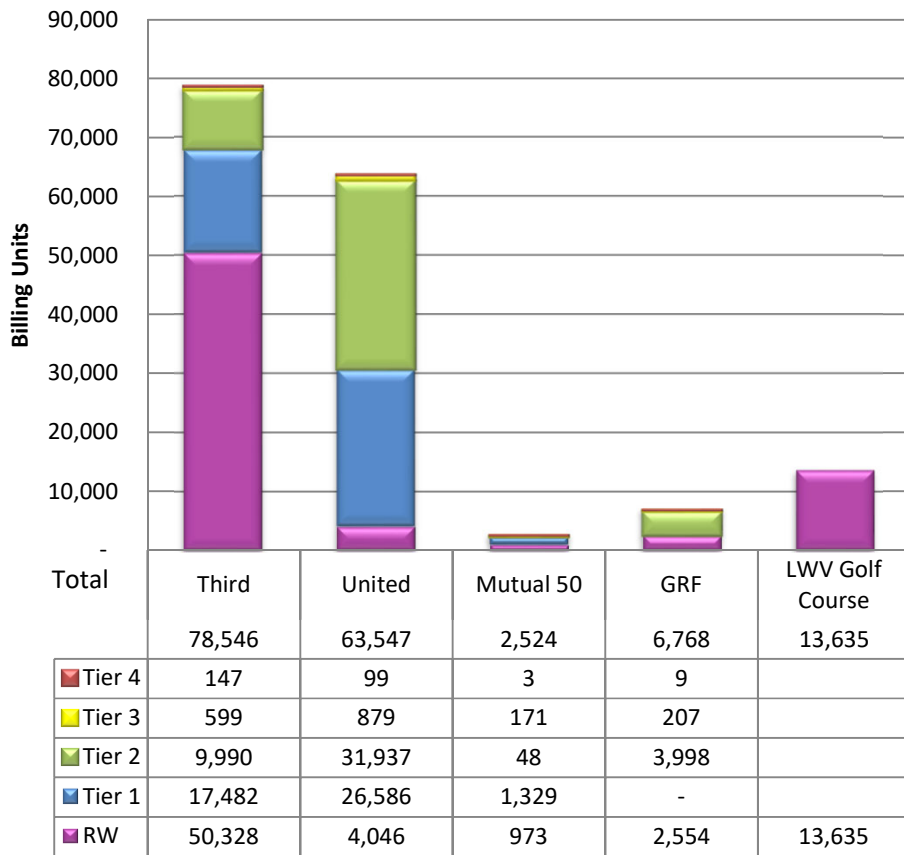


## Laguna Woods Village Year-to-Date Water Sales August 2023

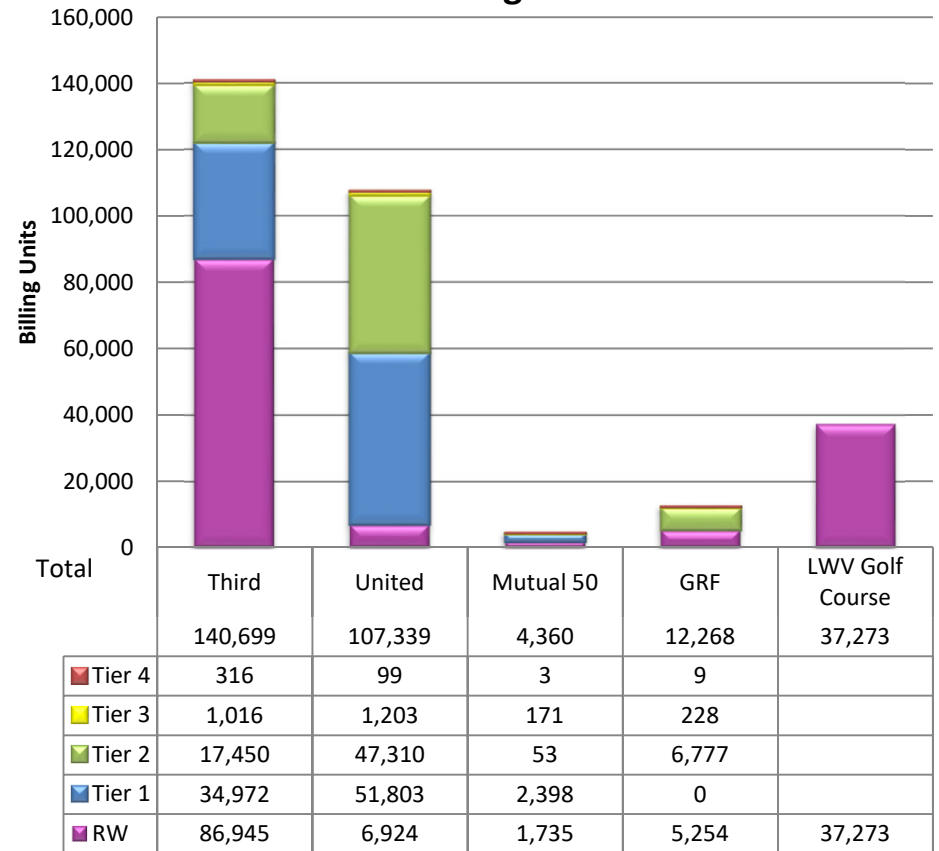




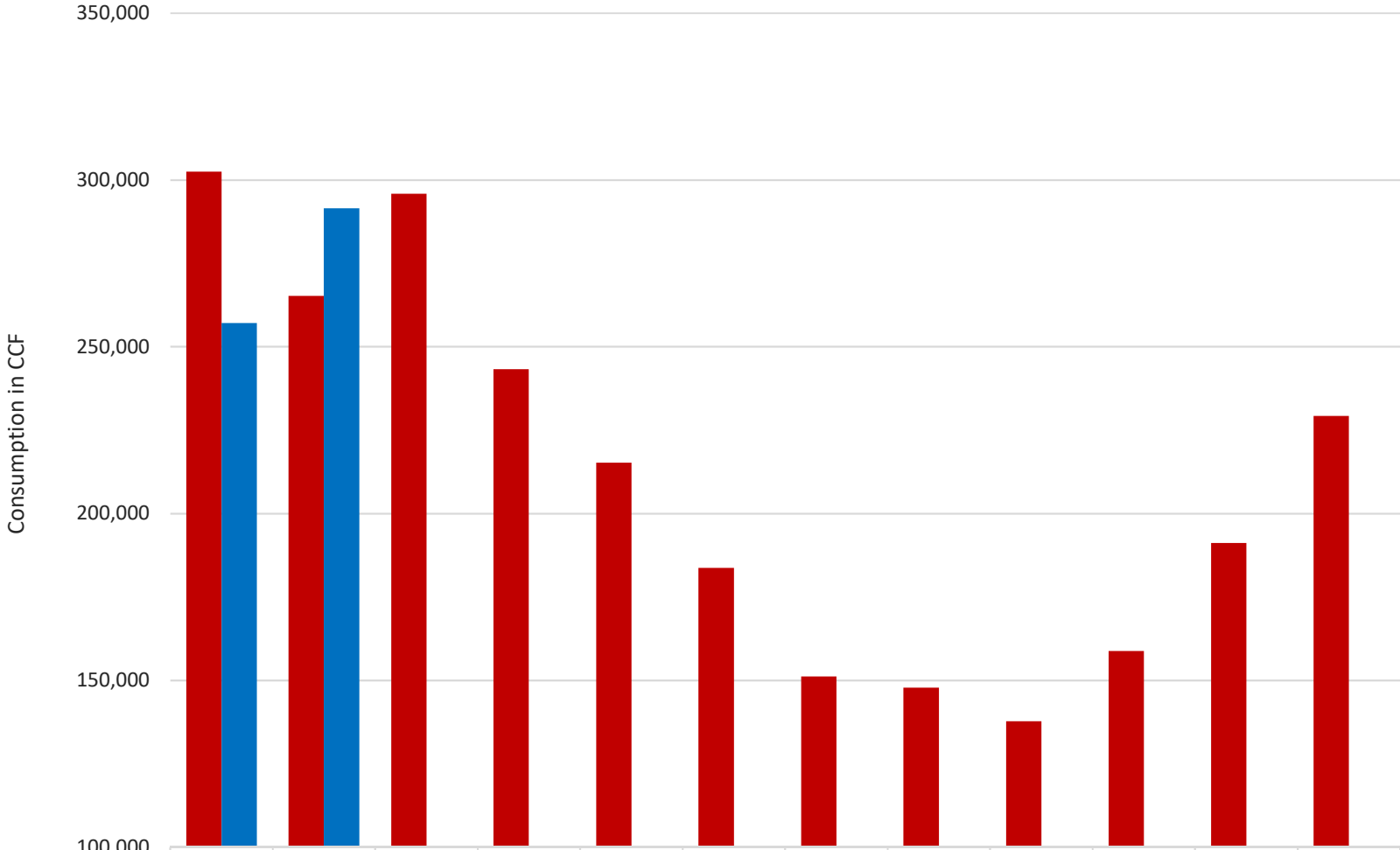
## Laguna Woods Village August 2023 Water & RW Sales



## Laguna Woods Village Year-to-Date Water & RW Sales August 2023



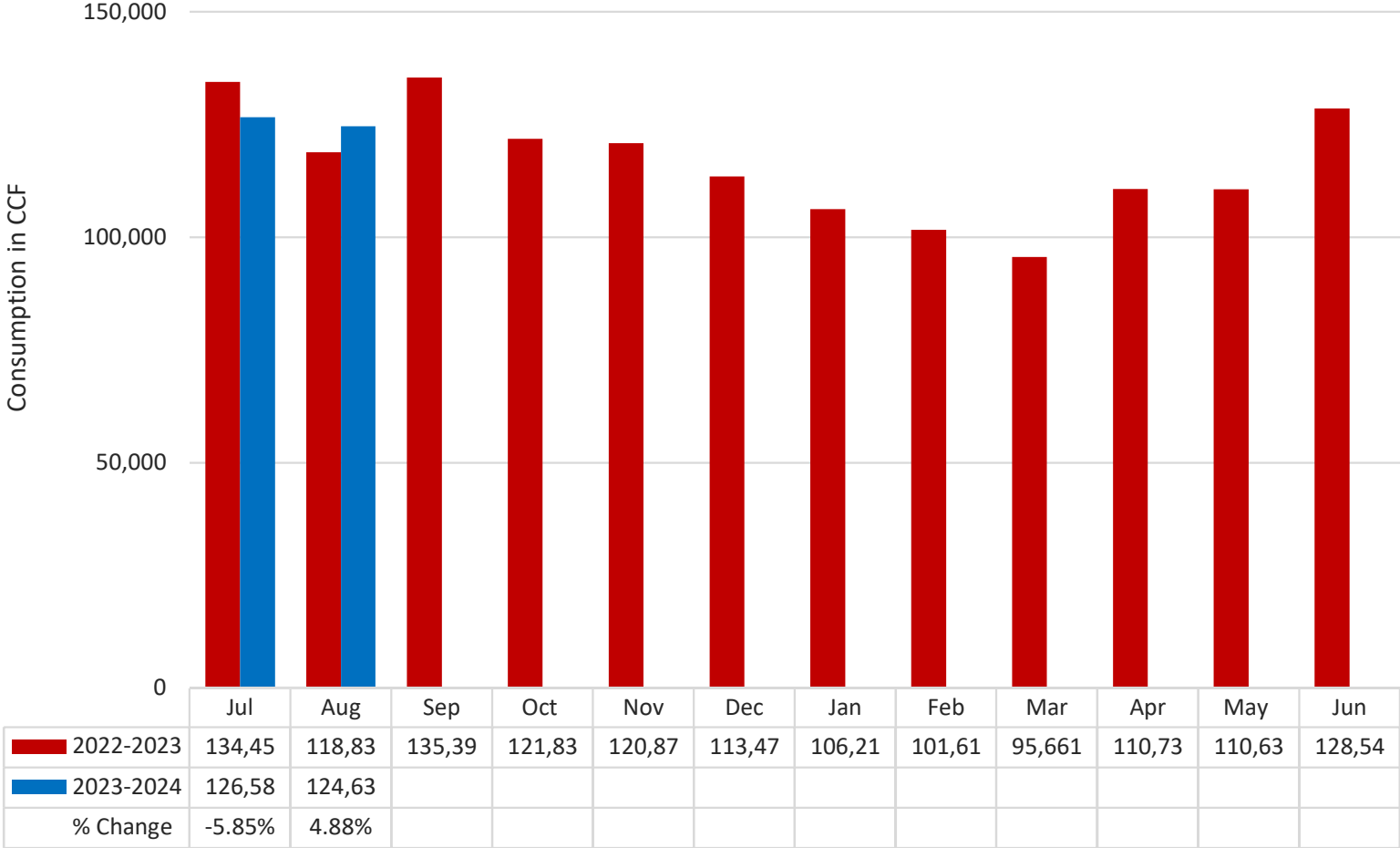
## ETWD Total Consumption

[illegible]

## ETWD Fiscal YTD Consumption

[illegible]

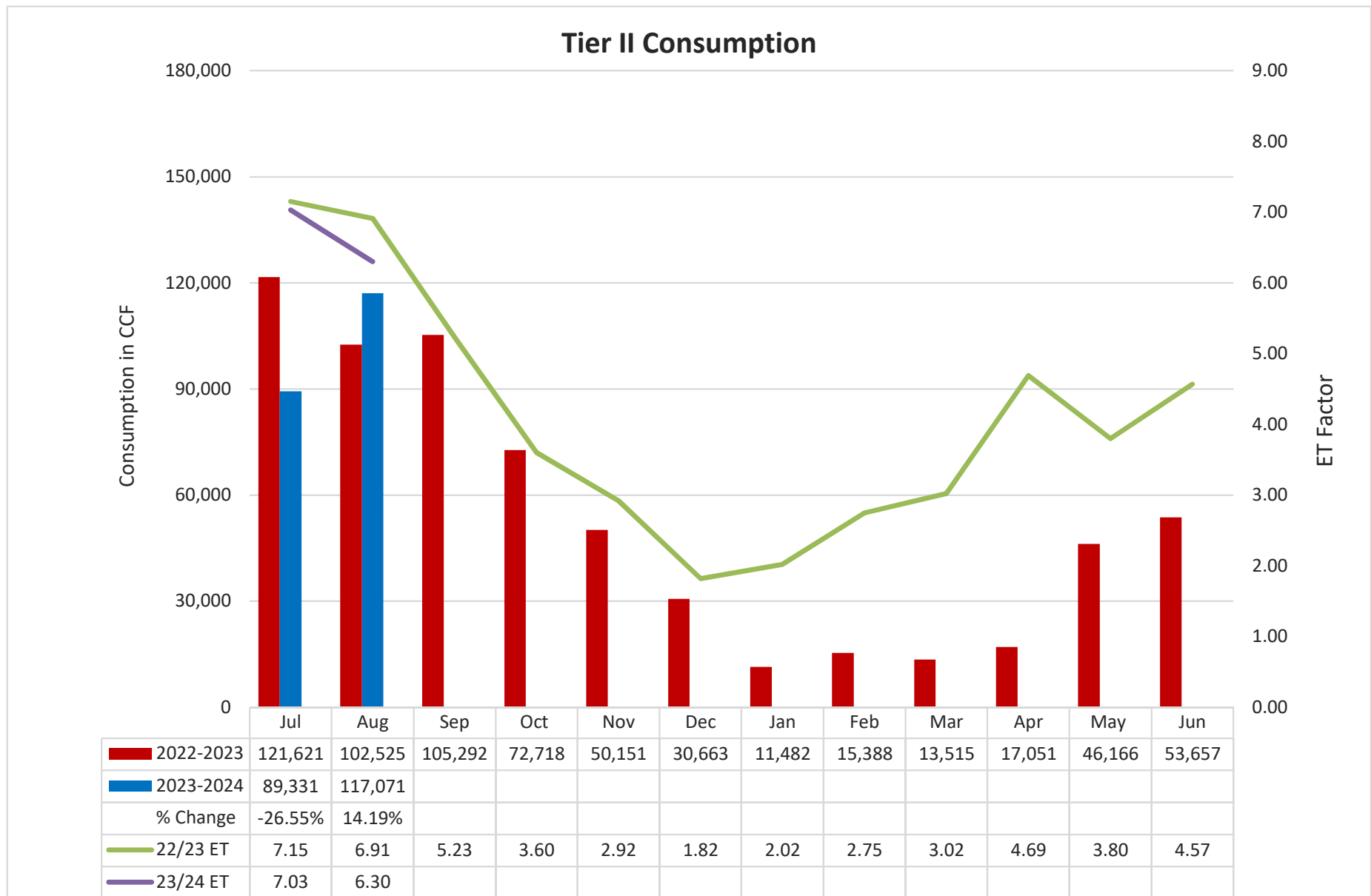
## Tier I Consumption



## Tier I Fiscal YTD Consumption





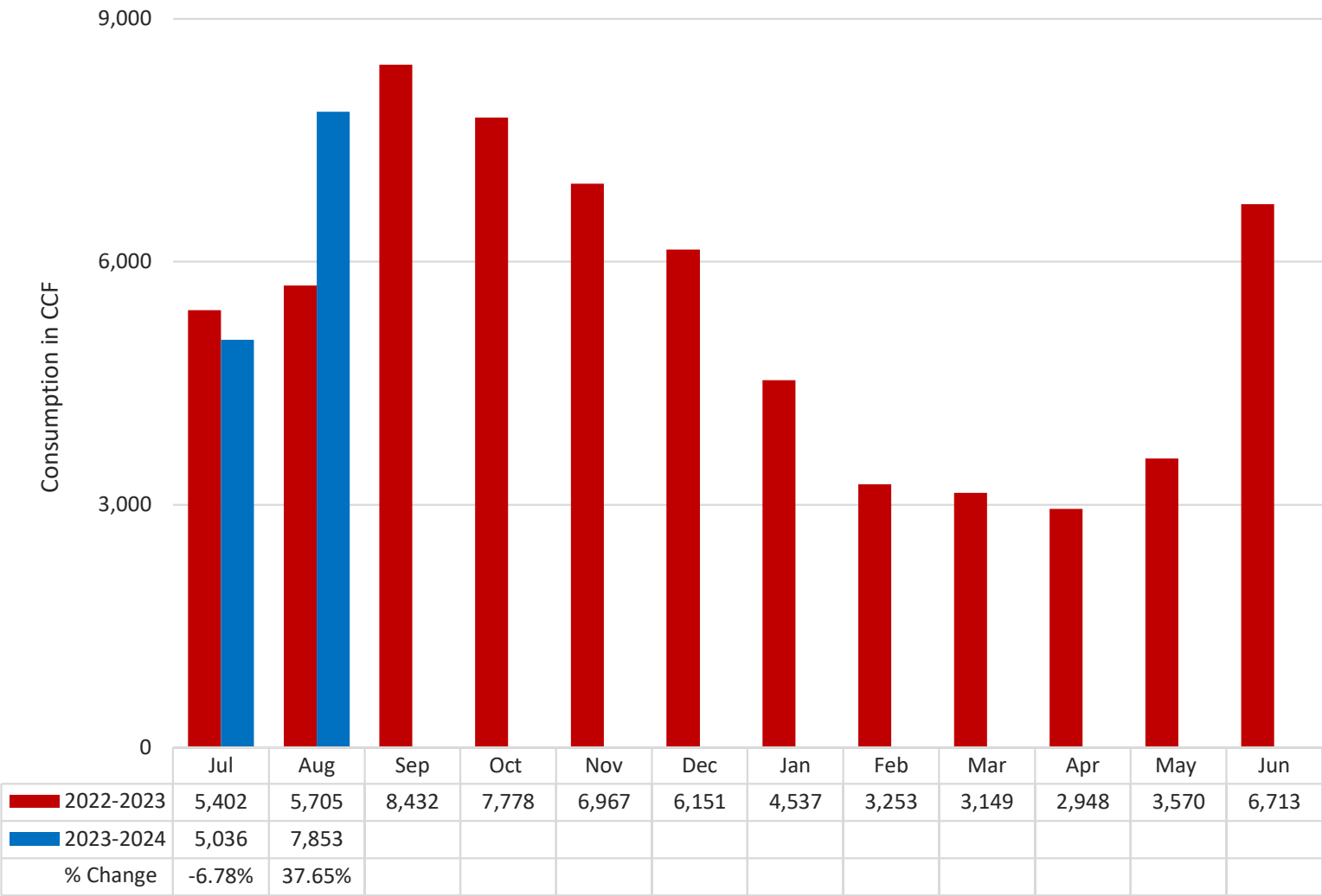


\*Tropical Storm Hilary occurred during the 4th week of August 2023. Impact to usage will be captured in September billing cycle.

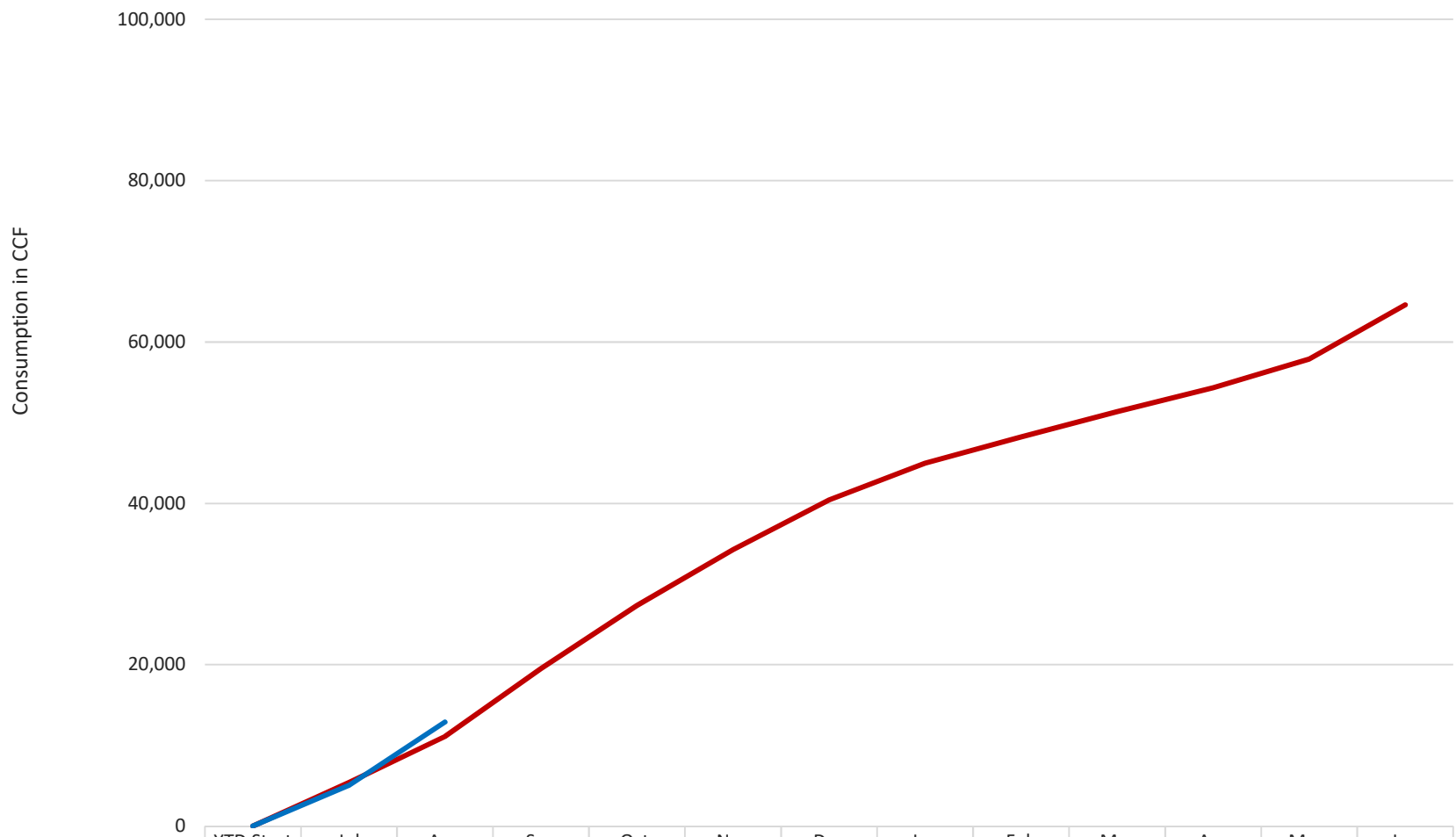
## Tier II Fiscal YTD Consumption

[illegible]

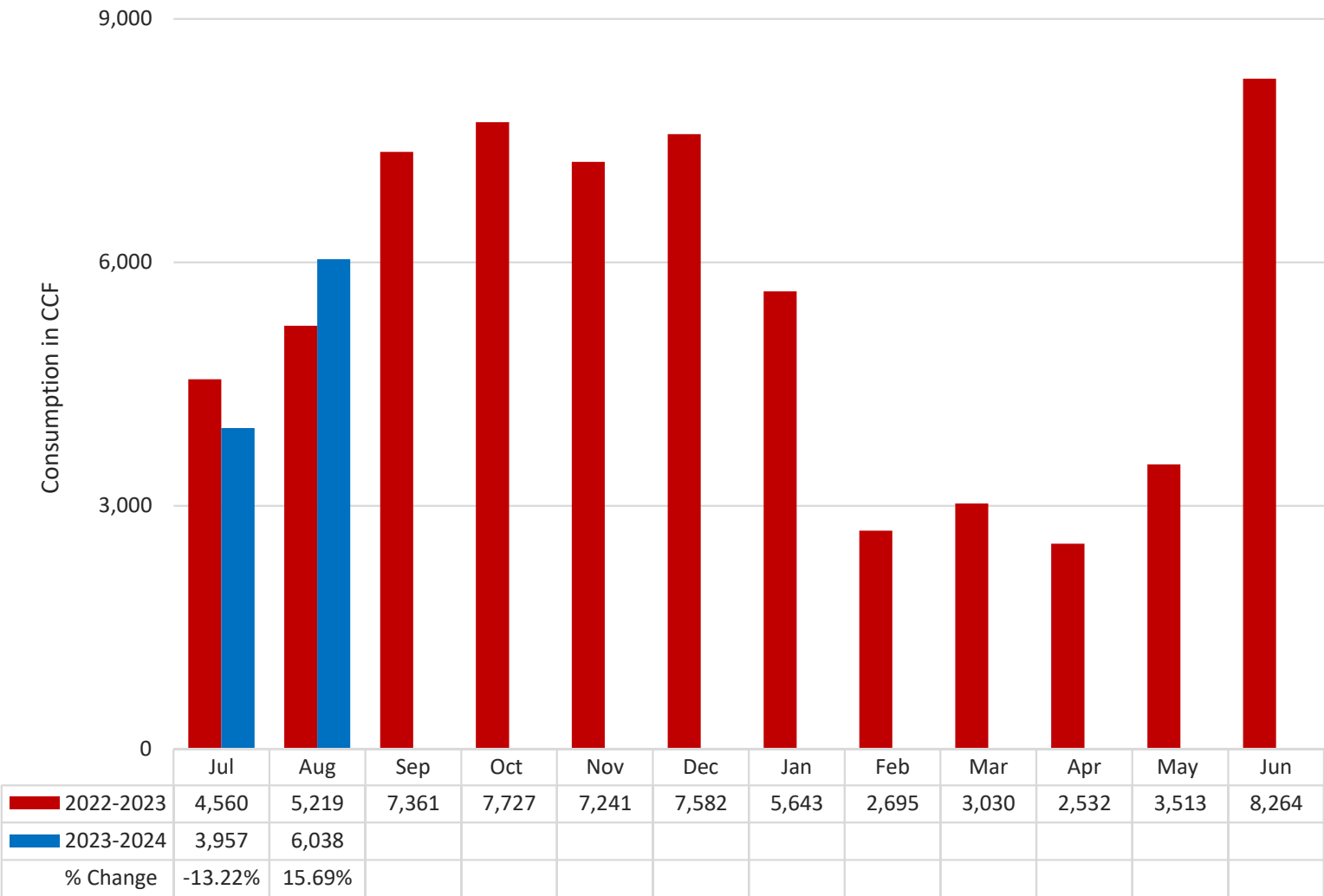
## Tier III Consumption



### Tier III Fiscal YTD Consumption

[illegible]

## Tier IV Consumption

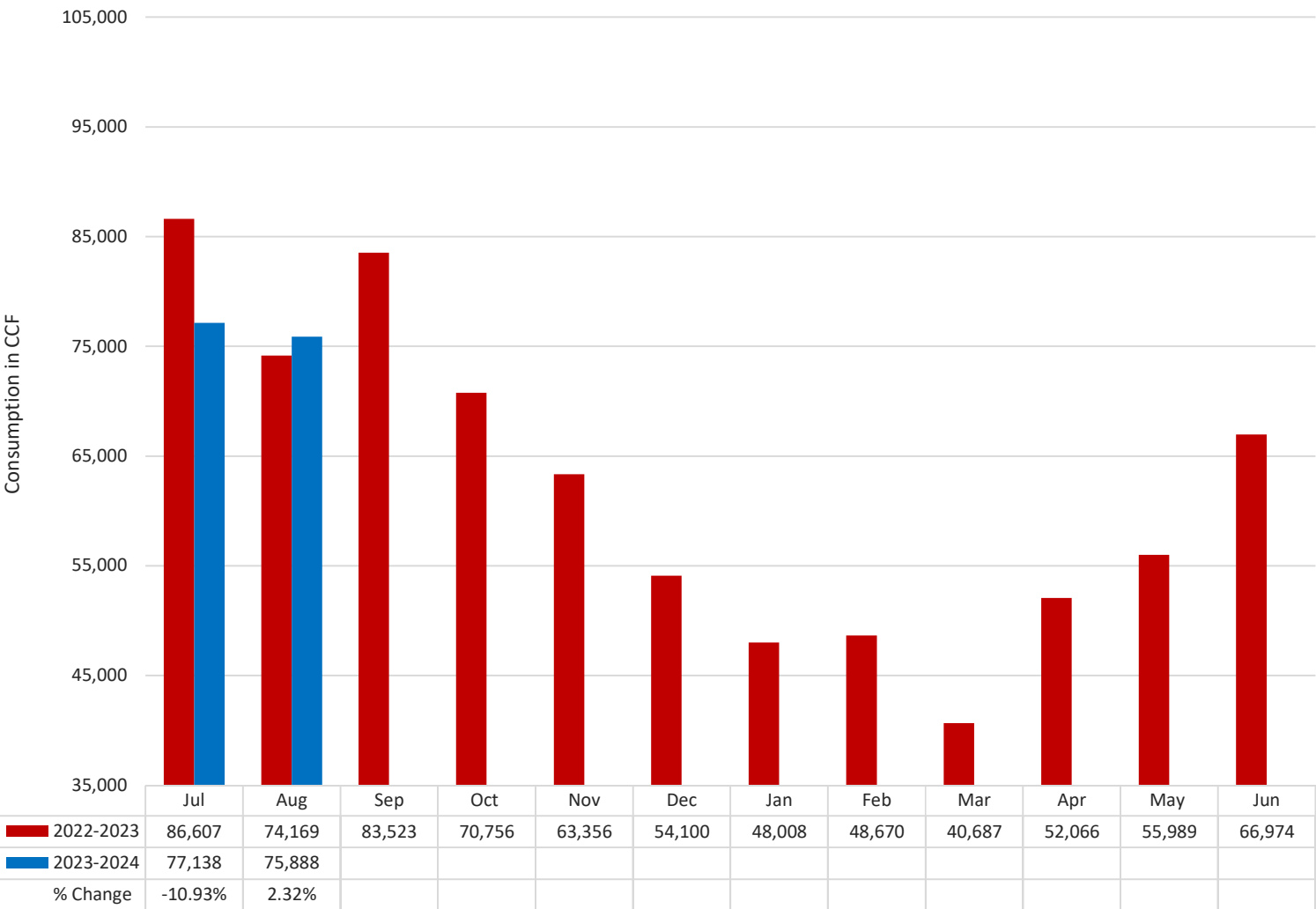




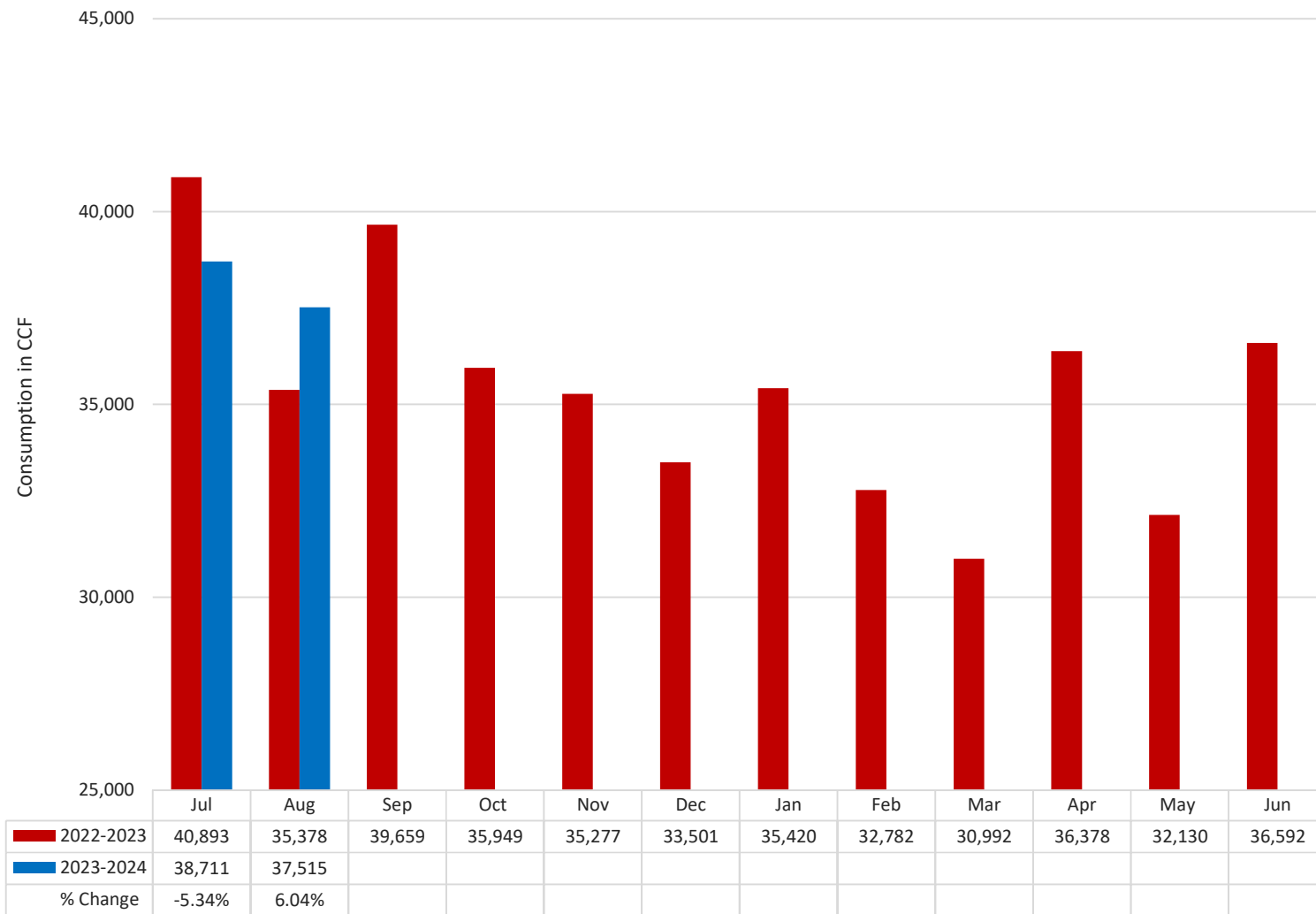
## Tier IV Fiscal YTD Consumption

[illegible]

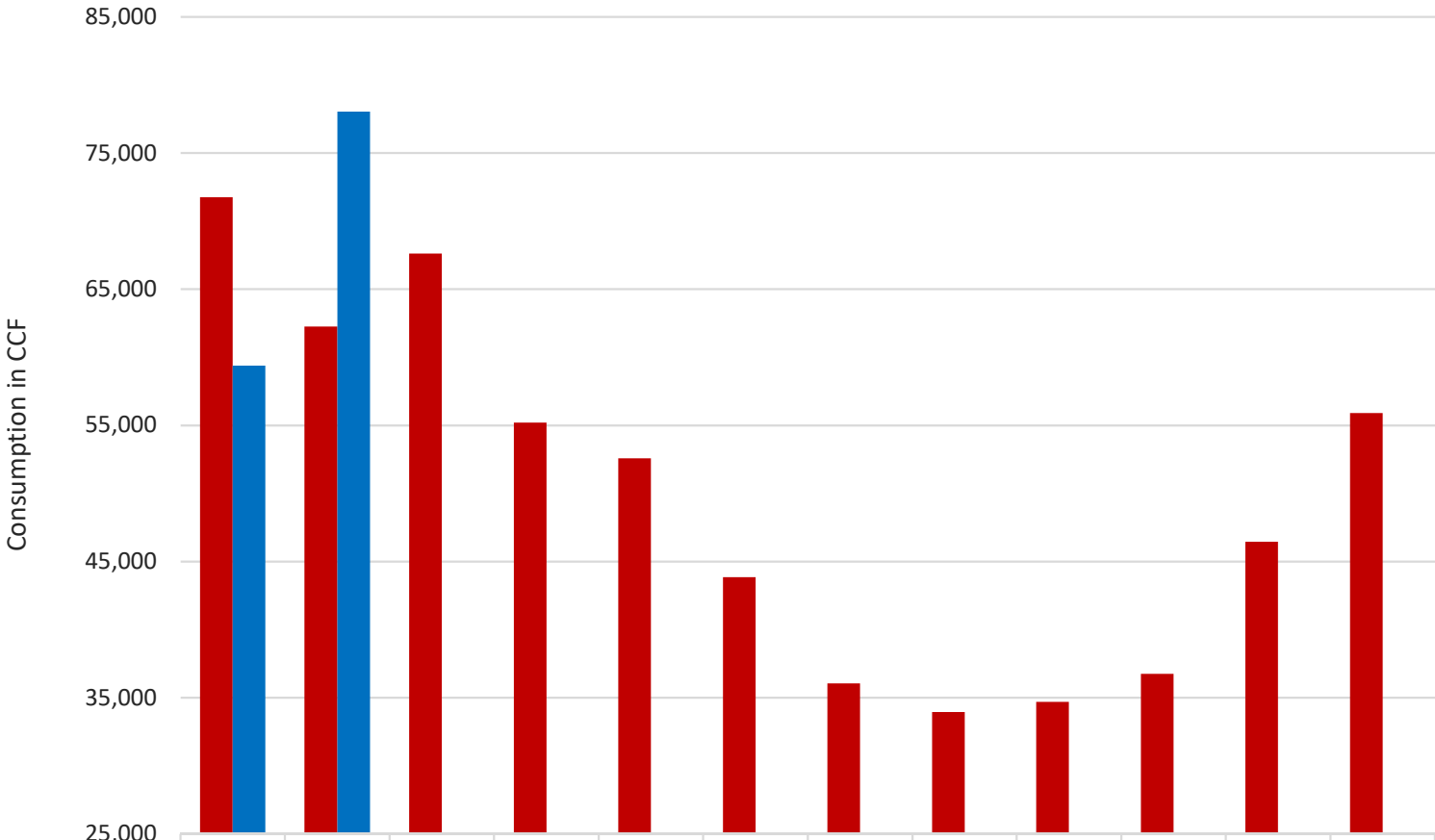
## Single Family Residents Consumption



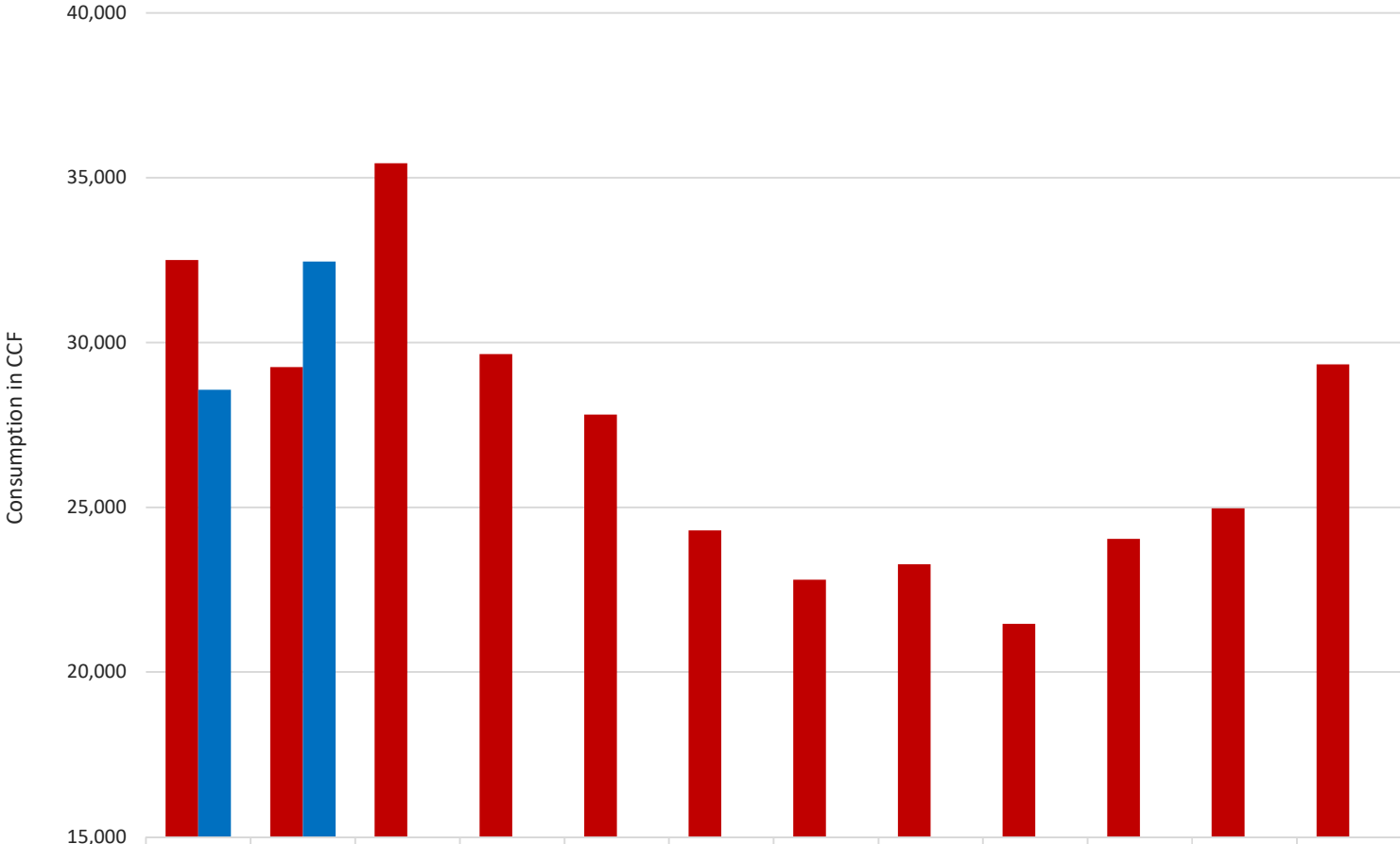
## Multi Family Residents Consumption



### Laguna Woods Village Consumption (Excluding Dedicated Irrigation)

[illegible]

## Commercial Consumption

[illegible]

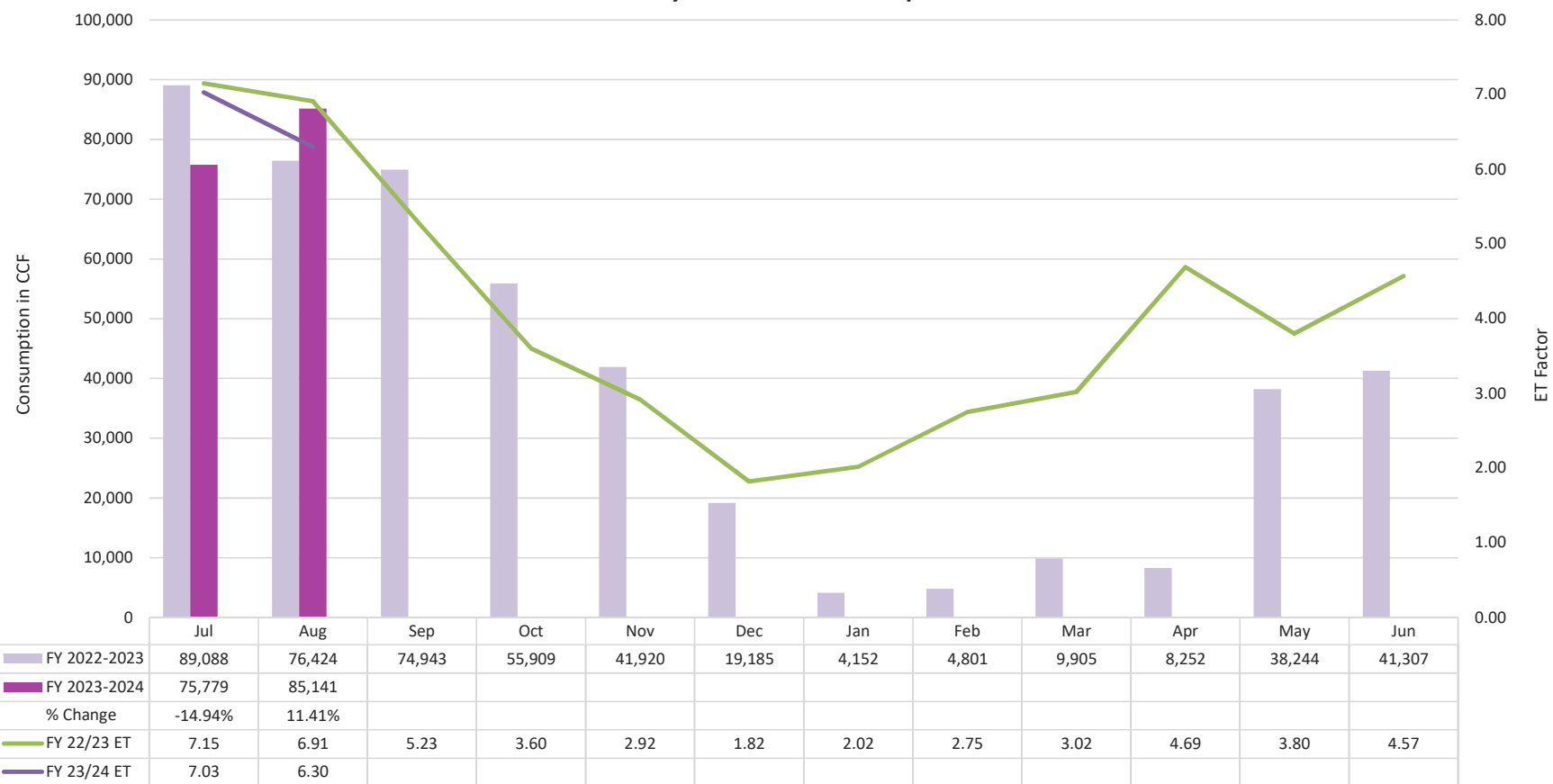


### Dedicated Irrigation Consumption (including LWV)

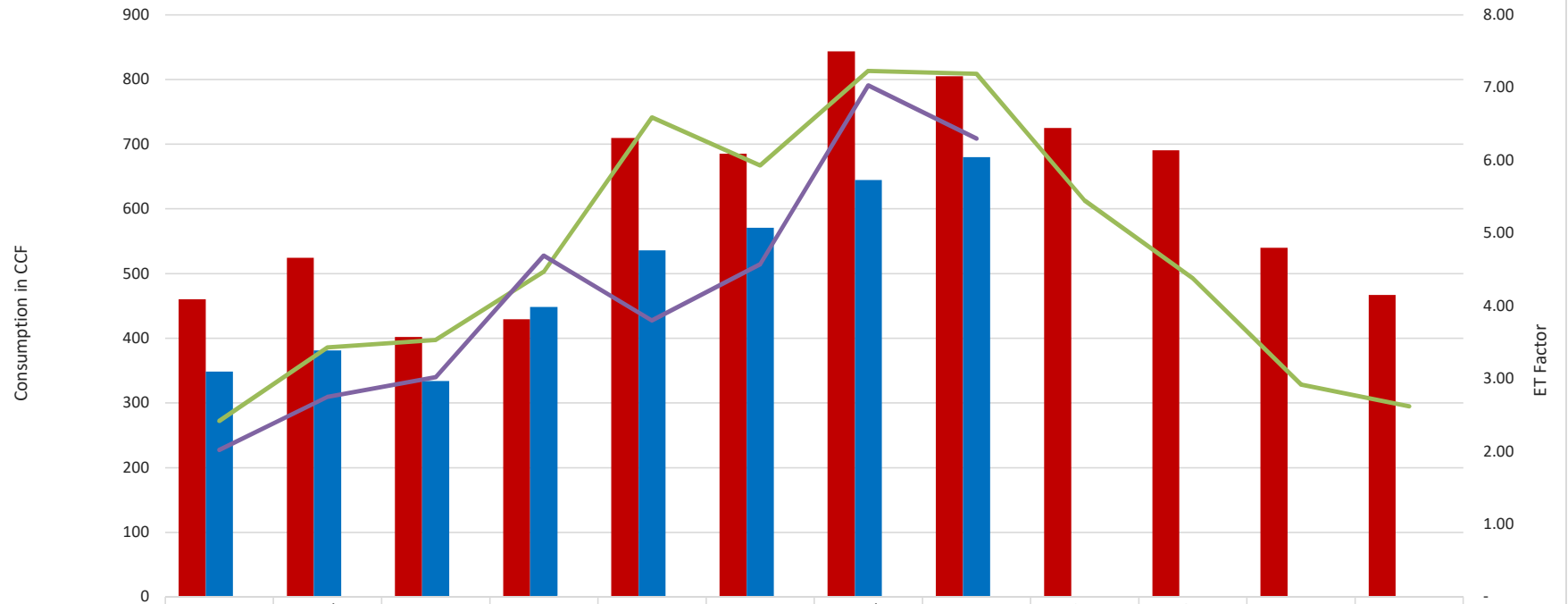


\*Tropical Storm Hilary occurred during the 4th week of August 2023. Impact to usage will be captured in September billing cycle.

## Recycled Water Consumption

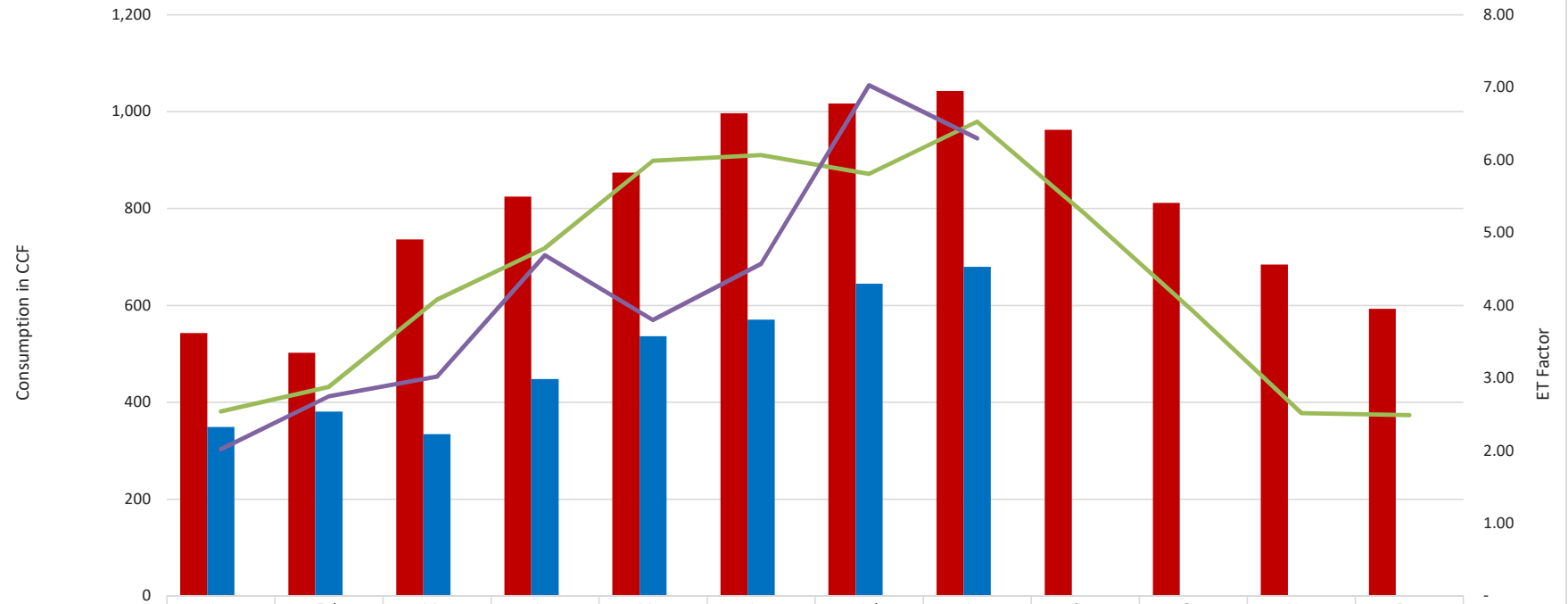


ETWD Consumption Comparison vs 2020 (AF)



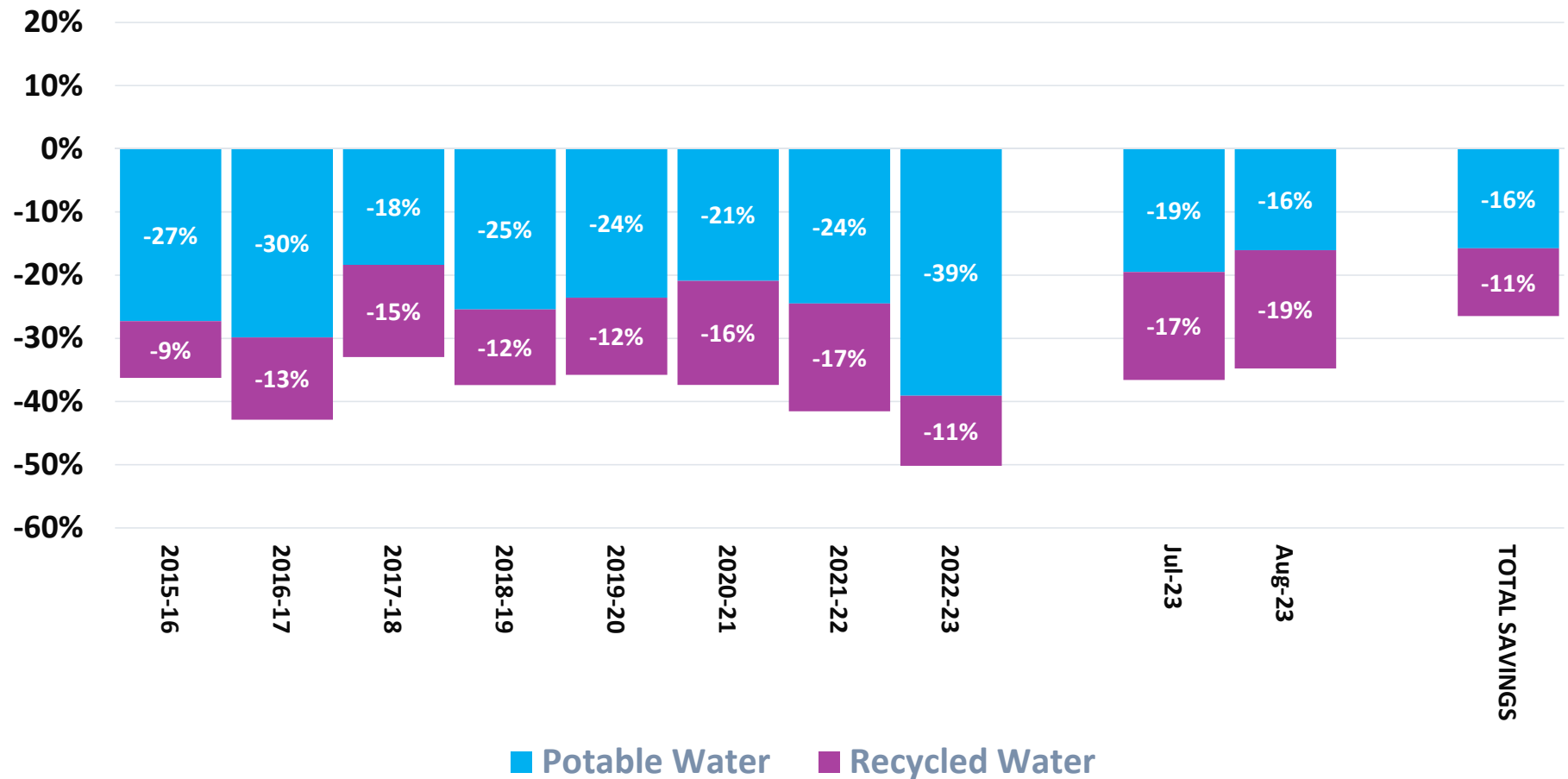
2020 Potable	460.20	524.32	402.00	429.20	709.80	685.37	843.39	804.95	724.90	690.90	539.80	467.00
2023 Potable	348.80	381.03	334.04	448.44	536.05	570.79	644.66	679.99				
Potable % Change	-24.21%	-27.33%	-16.91%	4.48%	-24.48%	-16.72%	-23.56%	-15.52%				
2020 ET	2.42	3.43	3.53	4.47	6.59	5.93	7.23	7.19	5.45	4.38	2.92	2.62
2023 ET	2.02	2.75	3.02	4.69	3.80	4.57	7.03	6.30				

### ETWD Consumption Comparison vs 2013 (AF)



2013 Potable	543.15	502.41	736.34	825.00	874.56	996.66	1016.80	1042.70	963.00	811.60	684.20	593.20
2023 Potable	348.80	381.03	334.04	448.44	536.05	570.79	644.66	679.99				
Potable % Change	-35.78%	-24.16%	-54.64%	-45.64%	-38.71%	-42.73%	-36.60%	-34.79%				
2013 ET	2.54	2.88	4.08	4.79	5.99	6.07	5.81	6.53	5.26	3.92	2.52	2.49
2023 ET	2.02	2.75	3.02	4.69	3.80	4.57	7.03	6.30				

# ETWD WATER USAGE COMPARED TO 2013



I hereby certify that the following Agenda was posted at least 72 hours prior to the time of the Board Meeting so noticed below, at the usual agenda posting location of the South Orange County Wastewater Authority (SOCWA) and at [www.socwa.com](http://www.socwa.com).



Danita Hirsh, Assistant Secretary  
SOCWA and the Board of Directors thereof

*Regular Meeting of The  
South Orange County Wastewater Authority  
Board of Directors*

September 7, 2023  
8:30 a.m.

PHYSICAL MEETING LOCATION:  
South Orange County Wastewater Authority  
34156 Del Obispo Street  
Dana Point, CA 92629

THE BOARD OF DIRECTORS MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT [DHIRSH@SOCWA.COM](mailto:DHIRSH@SOCWA.COM) WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY BOARD OF DIRECTORS IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE BOARD OF DIRECTORS ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE BOARD OF DIRECTORS LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE BOARD OF DIRECTORS AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

**THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE THE CALL IN PHONE NUMBERS BELOW AND FOR VIDEO USE THE ZOOM LINK BELOW.**

Join Zoom Meeting  
<https://socwa.zoom.us/>

Meeting ID: 886 9969 4657  
Passcode: 326949

Dial by your location:  
+1 669 900 6833 US (San Jose)      +1 253 215 8782 US (Tacoma)  
+1 346 248 7799 US (Houston)      +1 312 626 6799 US (Chicago)  
Find your local number: <https://socwa.zoom.us/j/kcT1f1Dfo>



South Orange County Wastewater Authority  
Board of Directors Meeting  
September 7, 2023

Agenda

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ORAL COMMUNICATIONS

*Members of the public may address the board regarding an item on the agenda or may reserve this opportunity during the meeting at the time the item is discussed by the board. There will be a three-minute limit for public comments.*

4. APPROVAL OF BOARD MEMBER REQUEST FOR REMOTE PARTICIPATION

ACTION Board Discussion/Direction and Action.

PAGE NO

5. CONSENT CALENDAR

A. Minutes of Board of Directors ..... 1

- Board of Directors Meeting of July 27, 2023  
(Facilitated Discussion Meeting Summary)
- Board of Directors Meeting of August 3, 2023

ACTION The Board will be requested to approve the subject Minutes.

B. Minutes of Engineering Committee .....65

1. Engineering Committee Meeting of April 13, 2023
2. Engineering Committee Meeting of May 11, 2023
3. Engineering Committee Meeting of June 8, 2023

ACTION The Board will be requested to receive and file the subject Minutes.

C. Operations Report (July) .....75

1. Monthly Operational Report
2. SOCWA Ocean Outfall Discharges by Agency
3. Quarterly Report on Key Operational Expenses
4. Beach Ocean Monitoring Report
5. Recycled Water Report
6. Pretreatment Report (August)

ACTION The Board will be requested to receive and file subject reports as submitted.

D. Capital Improvement Program Status Report (August) ..... 118

ACTION Information item.

South Orange County Wastewater Authority  
Board of Directors Meeting  
September 7, 2023

Agenda

	<u>PAGE NO</u>
E. Capital Improvement Construction Projects Progress and Change Order Report ( <i>August</i> ) [Project Committees 2, 15, 17, & 24] .....	121
ACTION      Information Item.	
F. 2023-2025 Region IX Kelp Survey Consortium [Project Committees 5 & 24] .....	136
ACTION      Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to enter into the Region IX Kelp Survey Consortium 2023-2025 contract with MBC Aquatic Sciences in the amount of \$20,779.34.	
G. Annual Renewal of IBM MaaS360 – Mobile Device Management Subscription .....	146
ACTION      Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to renew the annual IBM MaaS360 Premier Suite (SaaS) subscription via Bird Rock for \$7,351.00.	
H. ADS Flow Monitoring Services Contract Award [Project Committee 2] .....	147
ACTION      Staff recommends that the PC 2 Board authorize the Acting General Manager/Director of Operations to execute a two-year contract with ADS Environmental Services in the amount not to exceed \$100,000.	
I. Annual Renewal of Planet Bids Procurement Hosting Services Subscription .....	148
ACTION      Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to renew the annual hosted services subscription with Planet Bids for \$13,378.00.	
J. Pacific West Patrol Contract Renewal for Security Services [Project Committees 2 & 17] ....	149
ACTION      Staff recommends that the PC 2 and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a 1-year contract not to exceed \$18,000 with Pacific West Patrol for security patrol services.	
K. Contract Renewal to Mariposa Landscapes Inc. for Landscaping Services [Project Committees 2, 15, & 17] .....	151
ACTION      Staff recommends that the PC 2, PC 15, and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a one-year contract extension with Mariposa Landscapes Inc.	

South Orange County Wastewater Authority  
Board of Directors Meeting  
September 7, 2023

Agenda

PAGE NO

L.	Aptean Tabware Software Renewal for \$46,004.56 [Project Committees 2, 15, & 17] .....	153
ACTION	Staff recommends that the PC 2, PC 15, and PC 17 Board authorize the Acting General Manager/Director of Operations to execute a contract amendment for \$46,004.56, for a total contract amount not to exceed \$181,080.86.	
M.	Sodium Hydroxide Contract Renewal [Project Committees 2, 15, & 17] .....	155
ACTION	Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to exercise the second of three (3) 6-month renewals with North Star Chemical, Inc. (a DBA of Pacific Star Chemical, LLC.) at the current pricing.	
N.	Janitorial Contract Amendment Services [Project Committees 2, 15, and 17].....	158
ACTION	Staff recommends that the Board of Directors authorize the Acting General Manager/Director of Operations to execute an amendment to the Janitorial Contract with Crown Facility Solutions for an additional \$966.00 per month to \$68,818.82 per year.	
O.	General Manager's Status Report .....	160
ACTION	Information Item.	
6.	<u>ENGINEERING MATTERS</u>	
A.	Contract Award for As-Needed Project Management Support Services .....	197
ACTION	Staff recommends that the Board of Directors approve the contract to Project Partners for a total of \$168,000 for As-Needed Project Management Support Services.	
B.	Contract Amendment for Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance [Project Committee 15] .....	199
ACTION	The Engineering Committee recommends that the PC 15 Board of Directors approve the amendment to Dudek for a total of \$81,400 for the Export Sludge Temporary Impact Area Restoration Monitoring and Maintenance.	

South Orange County Wastewater Authority  
Board of Directors Meeting  
September 7, 2023

Agenda

PAGE NO

- C. Contract Award for J.B. Latham Treatment Plant (JBL) Plant 1 Standby Generator  
Pre-Purchasing [Project Committee 2] ..... 201
- ACTION      The Engineering Committee recommends that the PC 2 Board of  
Directors approve the contract to Quinn/Caterpillar for a total not to  
exceed \$532,070 to pre-purchase the Plant 1 standby generator.
7. GENERAL MANAGER'S REPORT
- A. RESOLUTION NO. 2023-08: A Resolution of the Board of Directors of South  
Orange County Wastewater Authority Amending Its Conflict of Interest Code ..... 203
- ACTION      Staff recommends that the Board approve Resolution No. 2023-08,  
A Resolution of the Board of Directors of the South Orange County  
Wastewater Authority Adopting A Conflict of Interest Code which  
supersedes all prior Conflict of Interest Codes and Amendments  
previously adopted.
- B. Presentation from SMWD and SCWD regarding PC 2.....
- ACTION      PC 2 Board Discussion/Direction and Action.
- C. Consideration of Proposals to Modify SOCWA.....
- ACTION
1. Report from SOCWA Directors on their agencies' input on the various  
plans for discussion and the potential next steps or action(s).  
2. Approve SMWD proposal to operate the J.B. Latham Treatment Plant and  
direct PC 2 members to finalize the terms of the operation;  
3. Approve MNWD proposal to operate the Regional Treatment Plant and  
direct PC 17 members to finalize the terms of the operation;  
4. Approve the "OUR" Plan and determine the next steps.
- D. Amendment No. 4 – Agreement for Acquisition, Use, Operation Maintenance, and  
Expansion of Sewage Treatment Plant of City of San Juan Capistrano by South East  
Regional Reclamation Authority for and on behalf of Project Committee 2..... 211
- ACTION      PC 2 Board Discussion/Direction and Action.

South Orange County Wastewater Authority  
Board of Directors Meeting  
September 7, 2023

Agenda

- E. Approval of the Q2 through Q4 Project Committee 2 (PC2) Operations and Maintenance Budget and Capital Expenditures Budget [Project Committee 2]..... 214

ACTION      Staff recommends that the PC2 Board approve the Q2 through Q4 Project Committee 2 Operations and Maintenance Budget (inclusive of Environmental Compliance, Safety, IT, UAL, and OPEB) as proposed and PC2 Capital Expenditures Budget (inclusive of large capital, non-capital/misc. engineering, and small capital).

- F. Approval of the FY 2023-24 General Fund Budget Q2 through Q4 Uneven Allocations..... 215

ACTION      Board Discussion/Direction and Action.

- G. General Counsel's Updates.....

- JPA Revision Process (Standing item)

ACTION      Information Item

- H. Upcoming Meetings Schedule: .....

- September 7, 2023 – Board of Directors Regular Meeting
- September 14, 2023 – Engineering Committee Meeting
- September 19, 2023 – Finance Committee Meeting
- October 3, 2023 – Board of Directors Regular Meeting

ACTION      Information Item.

8. OTHER MATTERS

Determine the need to take action on the following item(s) introduced by Acting General Manager/Director of Operations, which arose subsequent to the agenda being posted. [Adoption of this action requires a two-thirds vote of the Board, or if less than two-thirds are present a unanimous vote.]

ADJOURNMENT

THE NEXT SOCWA BOARD MEETING  
OCTOBER 3, 2023

**NOTICE OF REGULAR MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
ENGINEERING COMMITTEE**

**September 14, 2023  
8:30 a.m.**

NOTICE IS HEREBY GIVEN that a Regular Meeting of the South Orange County Wastewater Authority (SOCWA) Engineering Committee was called to be held on **September 14, 2023, at 8:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST SEVENTY-TWO (72) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT [WWW.SOCWA.COM](http://WWW.SOCWA.COM). ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT [DHIRSH@SOCWA.COM](mailto:DHIRSH@SOCWA.COM) WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY ENGINEERING COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE ENGINEERING COMMITTEE ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE ENGINEERING COMMITTEE LESS THAN SEVENTY-TWO (72) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE ENGINEERING COMMITTEE AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

**THE PUBLIC MAY PARTICIPATE REMOTELY BY VIRTUAL MEANS. FOR AUDIO OF MEETING USE  
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## AGENDA

1. Call Meeting to Order
2. Public Comments

*THOSE WISHING TO ADDRESS THE ENGINEERING COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.*

## PAGE NO.

3. Approval of Minutes..... 1
  - Engineering Committee Minutes of August 10, 2023

**Recommended Action:** Staff requests that the Engineering Committee approve subject Minutes as submitted.

4. Operations Report..... 6

**Recommended Action:** Information Item.

5. Use Audit Flow and Solids Methodology – Annual Update FY 2022-23 ..... 7

**Recommended Action:** Staff recommends the Engineering Committee recommends that the Board of Directors approve the Use Audit calculated results for the close of the Use Audit for disbursement and collection of additional funds in FY 2022-23.

6. Package B Project Closeout Update [Project Committee 2]..... 11

**Recommended Action:** Information Item.

7. Capital Improvement Construction Projects Progress and Change Orders Report (September) [Project Committees 2, 15, 17, & 24] ..... 12

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the PC 15 Board of Directors to approve Change Order 1 for \$4,345 to DC Hubbs Construction for the CTP AWMA Guardrail Replacement project.

PAGE NO.

8. Contract Amendment for Design of Effluent Transmission Main Air Valve Replacement Project [Project Committee 21] .....27

**Recommended Action:** Staff recommends that the Engineering Committee recommend that the PC 21 Board of Directors approve the contract amendment to Tetra Tech for a total of \$55,200 for additional design services for the ETM Air Valve Replacement Project.

9. Contract Award for Engineering Services During Construction for Coastal Treatment Plant (CTP) Aeration Diffuser Replacement Project [Project Committee 15] .....33

**Recommended Action:** Staff recommends that the Engineering Committee recommend to the Board of Directors to approve the contract to Hazen and Sawyer for a total of \$68,580 for Engineering Services During Construction for the CTP Aeration Diffuser Replacement Project.

10. J.B. Latham Treatment Plant (JBL) Plant 1 Standby Generator Pre-Purchase Update [Project Committee 2] .....38

**Recommended Action:** Information Item.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Engineering Committee at least 72 hours prior to the scheduled time of the Regular Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 72 hours prior to the time of the above-referenced Engineering Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 7th day of September 2023.



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Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

**NOTICE OF SPECIAL MEETING  
OF THE  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY  
FINANCE COMMITTEE**

**September 19, 2023  
10:30 a.m.**

NOTICE IS HEREBY GIVEN that a Special Meeting of the South Orange County Wastewater Authority (SOCWA) Finance Committee was called to be held on **September 19, 2023, at 10:30 a.m.** SOCWA staff will be present and conducting the meeting at the SOCWA Administrative Office located at 34156 Del Obispo Street, Dana Point, California.

THE SOCWA MEETING ROOM IS WHEELCHAIR ACCESSIBLE. IF YOU REQUIRE ANY SPECIAL DISABILITY RELATED ACCOMMODATIONS, PLEASE CONTACT THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY SECRETARY'S OFFICE AT (949) 234-5452 AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING TO REQUEST SUCH ACCOMMODATIONS. THIS AGENDA CAN BE OBTAINED IN ALTERNATE FORMAT UPON REQUEST TO THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY'S SECRETARY AT LEAST TWENTY-FOUR (24) HOURS PRIOR TO THE SCHEDULED MEETING. MEMBERS OF THE PUBLIC HAVE THE OPTION TO PARTICIPATE IN AND MAY JOIN THE MEETING REMOTELY VIA VIDEO CONFERENCE FOR VISUAL INFORMATION ONLY (USE ZOOM LINK BELOW) AND BY TELECONFERENCE FOR AUDIO PARTICIPATION (USE PHONE NUMBERS BELOW). THIS IS A PHONE-CALL MEETING AND NOT A WEB-CAST MEETING, SO PLEASE REFER TO AGENDA MATERIALS AS POSTED ON THE WEBSITE AT [WWW.SOCWA.COM](http://WWW.SOCWA.COM), ON YOUR REQUEST, EVERY EFFORT WILL BE MADE TO ACCOMMODATE PARTICIPATION. FOR PARTIES PARTICIPATING REMOTELY, PUBLIC COMMENTS WILL BE TAKEN DURING THE MEETING FOR ORAL COMMUNICATION IN ADDITION TO PUBLIC COMMENTS RECEIVED BY PARTIES PARTICIPATING IN PERSON. COMMENTS MAY BE SUBMITTED PRIOR TO THE MEETING VIA EMAIL TO ASSISTANT SECRETARY DANITA HIRSH AT [DHIRSH@SOCWA.COM](mailto:DHIRSH@SOCWA.COM) WITH THE SUBJECT LINE "REQUEST TO PROVIDE PUBLIC COMMENT." IN THE EMAIL, PLEASE INCLUDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER YOU WILL BE CALLING FROM SO THAT THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. THOSE MAKING PUBLIC COMMENT REQUESTS REMOTELY VIA TELEPHONE IN REAL-TIME WILL BE ASKED TO PROVIDE YOUR NAME, THE ITEM YOU WISH TO SPEAK ABOUT, AND THE TELEPHONE NUMBER THAT YOU ARE CALLING FROM SO THE COORDINATOR CAN UN-MUTE YOUR LINE WHEN YOU ARE CALLED UPON TO SPEAK. ONCE THE MEETING HAS COMMENCED, THE CHAIR WILL INVITE YOU TO SPEAK AND ASK THE COORDINATOR TO UN-MUTE YOUR LINE AT THE APPROPRIATE TIME.

AGENDA ATTACHMENTS AND OTHER WRITINGS THAT ARE DISCLOSABLE PUBLIC RECORDS DISTRIBUTED TO ALL, OR A MAJORITY OF, THE MEMBERS OF THE SOUTH ORANGE COUNTY WASTEWATER AUTHORITY FINANCE COMMITTEE IN CONNECTION WITH A MATTER SUBJECT FOR DISCUSSION OR CONSIDERATION AT AN OPEN MEETING OF THE FINANCE COMMITTEE ARE AVAILABLE FOR PUBLIC INSPECTION IN THE AUTHORITY ADMINISTRATIVE OFFICE LOCATED AT 34156 DEL OBISPO STREET, DANA POINT, CA ("AUTHORITY OFFICE") OR BY PHONE REQUEST MADE TO THE AUTHORITY OFFICE AT 949-234-5452. IF SUCH WRITINGS ARE DISTRIBUTED TO MEMBERS OF THE FINANCE COMMITTEE LESS THAN TWENTY-FOUR (24) HOURS PRIOR TO THE MEETING, THEY WILL BE AVAILABLE IN THE RECEPTION AREA OF THE AUTHORITY OFFICE AT THE SAME TIME AS THEY ARE DISTRIBUTED TO THE FINANCE COMMITTEE AND SENT TO ANY REMOTE PARTICIPANTS REQUESTING EMAIL DELIVERY OR POSTED ON SOCWA'S WEBSITE. IF SUCH WRITINGS ARE DISTRIBUTED IMMEDIATELY PRIOR TO, OR DURING, THE MEETING, THEY WILL BE AVAILABLE IN THE MEETING ROOM OR IMMEDIATELY UPON VERBAL REQUEST TO BE DELIVERED VIA EMAIL TO REQUESTING PARTIES PARTICIPATING REMOTELY.

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Find your local number: <https://socwa.zoom.us/j/keFXQ3R7C5>

AGENDA

1. Call Meeting to Order

2. Public Comments

*THOSE WISHING TO ADDRESS THE FINANCE COMMITTEE ON ANY ITEM LISTED ON THE AGENDA WILL BE REQUESTED TO IDENTIFY AT THE OPENING OF THE MEETING AND PRIOR TO THE CLOSE OF THE MEETING. THE AUTHORITY REQUESTS THAT YOU STATE YOUR NAME WHEN MAKING THE REQUEST IN ORDER THAT YOUR NAME MAY BE CALLED TO SPEAK ON THE ITEM OF INTEREST. THE CHAIR OF THE MEETING WILL RECOGNIZE SPEAKERS FOR COMMENT AND GENERAL MEETING DECORUM SHOULD BE OBSERVED IN ORDER THAT SPEAKERS ARE NOT TALKING OVER EACH OTHER DURING THE CALL.*

PAGE NO.

3. Approval of Minutes..... 1

- Finance Committee Meeting of June 20, 2023

**Recommended Action:** Staff recommends that the Finance Committee approve the subject minutes as submitted.

4. Preliminary Financial Reports for the Month of June 2023 (Close of Fiscal Year) and Financial Reports for the Month of July 2023 ..... 6

- The June 2023 preliminary reports included are as follows:
  - a. Budget vs. Actual Expenses (June 2023)
    - Operations and Environmental Summary (Exhibit E-1)
    - Operations and Environmental by PC (E-1.2)
    - Residual Engineering, after transfer to Capital (Exhibit E-2)
    - Administration (Exhibit E-3)
    - Information Technology (IT) (Exhibit E-4)
    - Q4 Fringe Pool and Fringe Rate (Exhibit E-5)
- The July 2023 financial reports included are as follows:
  - a. Summary of Disbursements for July 2023 (Exhibit A-1);
  - b. Schedule of Funds Available for Reinvestment (Exhibit B)
    - Local Agency Investment Fund (LAIF)
  - c. Schedule of Cash and Investments (Exhibit C)
  - d. Capital Schedule (Exhibit D)
    - Capital Projects – Graph (Exhibit D-1)
  - e. Budget vs. Actual Expenses:
    - Operations and Environmental Summary (Exhibit E-1)
    - Operations and Environmental by PC (E-1.2)
    - Residual Engineering, after transfer to Capital (Exhibit E-2)
    - Administration (Exhibit E-3)
    - Information Technology (IT) (Exhibit E-4)

**Recommended Action:** Staff recommends that the Finance Committee recommend that the Board of Directors (i) receive and file the June 2023 (Preliminary) Financial Reports, (ii) ratify the July 2023 disbursement for the period from July 1, 2023, through July 31, 2023, totaling \$3,348,611.

5. Net Pension & Net OPEB Liability .....42

- PowerPoint Presentation and Report

**Recommended Action:** Information Item.

6. PARS Investment Update .....113

- PowerPoint Presentation and Report

**Recommended Action:** Information Item.

7. Audit Update .....

**Recommended Action:** Information Item.

Adjournment

I hereby certify that the foregoing Notice was personally emailed or mailed to each member of the SOCWA Finance Committee at least 24 hours prior to the scheduled time of the Special Meeting referred to above.

I hereby certify that the foregoing Notice was posted at least 24 hours prior to the time of the above-referenced Finance Committee meeting at the usual agenda posting location of the South Orange County Wastewater Authority and at [www.socwa.com](http://www.socwa.com).

Dated this 14th day of September 2023.



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Danita Hirsh, Assistant Secretary  
SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Jointly with the

**PLANNING & OPERATIONS COMMITTEE**

September 5, 2023 8:30 a.m.

**This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:

<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply  
(877) 853 5247 Toll-free  
**Webinar ID:** 882 866 5300#

**P&O Committee:**

Director McVicker, Chair  
Director Nederhood  
Director Seckel

**Staff:** H.De La Torre, J. Berg, V. Osborn,  
T. Dubuque, D. Micalizzi, H. Baez,  
M. Baum-Haley, C. Busslinger,  
T. Baca

Ex Officio Member: Director Yoo Schneider

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**ROLL CALL**

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

**ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING** -- Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

**ACTION ITEMS**

1. AUTHORIZE WEROC MOBILE EOC

**DISCUSSION ITEM**

2. LEAD & COPPER RULE REVISIONS (LCRR) SERVICE LINE INVENTORY CHOICE PROGRAM



3. FINAL STATE WATER RESOURCES CONTROL BOARD STAFF  
RECOMMENDATIONS FOR MAKING CONSERVATION A CALIFORNIA WAY OF  
LIFE

**INFORMATION ITEMS** (The following items are for informational purposes only – background information is included in the packet. Discussion is not necessary unless requested by a Director.)

4. 2023 OC WATER RELIABILITY STUDY – FINAL REPORT
5. MWDOC LEGISLATIVE POLICY PRINCIPLES ANNUAL UPDATE
6. OC WATER SUMMIT UPDATE
7. PUBLIC AFFAIRS HIGHLIGHTS
8. METROPOLITAN'S ASSESSED VALUATION FOR MWDOC AND ORANGE COUNTY FOR FISCAL YEAR 2022-23
9. DEPARTMENT ACTIVITIES REPORTS
  - a. Ongoing MWDOC Reliability and Engineering/Planning Projects
  - b. WEROC
  - c. Water Use Efficiency Projects
  - d. Public and Government Affairs
10. REVIEW OF ISSUES RELATED TO PLANNING OR ENGINEERING PROJECTS, WEROC, WATER USE EFFICIENCY, FACILITY AND EQUIPMENT MAINTENANCE, WATER STORAGE, WATER QUALITY, CONJUNCTIVE USE PROGRAMS, EDUCATION, PUBLIC AFFAIRS PROGRAMS AND EVENTS, PUBLIC INFORMATION PROJECTS, PUBLIC INFORMATION CONSULTANTS, DISTRICT FACILITIES, and MEMBER-AGENCY RELATIONS

## ADJOURNMENT

**NOTE:** At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

WORKSHOP MEETING OF THE  
BOARD OF DIRECTORS WITH MET DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
18700 Ward Street, Conference Room 101, Fountain Valley, California  
September 6, 2023, 8:30 a.m.

**This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:

<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply

(877) 853 5247 Toll-free

**Webinar ID:** 882 866 5300#

## **AGENDA**

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### **PLEDGE OF ALLEGIANCE**

### **ROLL CALL**

### **PUBLIC PARTICIPATION/COMMENTS**

At this time members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

### **ITEMS RECEIVED TOO LATE TO BE AGENDIZED**

Determine need and take action to agendize item(s), which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present or, if less than two-thirds of the Board members are present a unanimous vote.)

### **ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING**

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

### **NEXT RESOLUTION NO. 2143**

### **PRESENTATION/DISCUSSION ITEMS**

#### **1. PRESENTATION BY METROPOLITAN STAFF ON THE DRAFT LONG RANGE FINANCIAL PLAN**

*Recommendation: Review and discuss the information presented.*

**2. LEGISLATIVE ACTIVITIES**

- a. Federal Legislative Report (NRR)
- b. State Legislative Report (SDA)
- c. Legal and Regulatory Report (Ackerman)
- d. County Legislative Report (Whittingham)
- e. MWDOC Legislative Matrix
- f. Metropolitan Legislative Matrix

*Recommendation: Review and discuss the information presented.*

**3. QUESTIONS OR INPUT ON MET ISSUES FROM THE MEMBER AGENCIES/MET DIRECTOR REPORTS REGARDING MET COMMITTEE PARTICIPATION**

*Recommendation: Receive input and discuss the information presented.*

**INFORMATION ITEMS****4. MET ITEMS CRITICAL TO ORANGE COUNTY** (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director).

- a. MET's Finance and Rate Issues
- b. MET's Water Supply Condition Update
- c. Water Quality Update
- d. Colorado River Issues
- e. Delta Conveyance Activities and State Water Project Issues

*Recommendation: Review and discuss the information presented.*

**5. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS**

- a. Summaries regarding August MET Board Meetings
- b. MET 4-Month Outlook on Upcoming Issues (tentative)
- c. Review items of significance for MET Board and Committee Agendas

*Recommendation: Review and discuss the information presented.*

**ADJOURNMENT**

Note: Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodations should make the request with adequate time before the meeting for the District to provide the requested accommodations.

MEETING OF THE BOARD OF DIRECTORS OF THE  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

Jointly with the

**ADMINISTRATION & FINANCE COMMITTEE**

September 13, 2023, 8:30 a.m.

**This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.**

**Computer Audio:** You can join the Zoom meeting by clicking on the following link:

<https://zoom.us/j/8828665300>

**Telephone Audio:** (669) 900 9128 fees may apply  
(877) 853 5247 Toll-free

**Webinar ID:** 882 866 5300#

**A&F Committee:**

Director Dick, Chair

Director Thomas

Director Crane

Staff: H. De La Torre, J. Berg, C. Harris,

H. Chumpitazi, M. Baum-Haley,

K. Davanaugh

Ex Officio Member: Director Yoo Schneider

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MWDOC Committee meetings are noticed and held as joint meetings of the Committee and the entire Board of Directors and all members of the Board of Directors may attend and participate in the discussion. Each Committee has designated Committee members, and other members of the Board are designated alternate committee members. If less than a quorum of the full Board is in attendance, the Board meeting will be adjourned for lack of a quorum and the meeting will proceed as a meeting of the Committee with those Committee members and alternate members in attendance acting as the Committee.

**ROLL CALL**

**PUBLIC COMMENTS** - Public comments on agenda items and items under the jurisdiction of the Committee should be made at this time.

**ITEMS RECEIVED TOO LATE TO BE AGENDIZED** - Determine there is a need to take immediate action on item(s) and that the need for action came to the attention of the District subsequent to the posting of the Agenda. (Requires a unanimous vote of the Committee)

**ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING** -- Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

**PROPOSED BOARD CONSENT CALENDAR ITEMS**

1. TREASURER'S REPORT
  - a. Revenue/Cash Receipt Report – August 2023
  - b. Disbursement Approval Report for the month of September 2023
  - c. Disbursement Ratification Report for the month of August 2023
  - d. GM Approved Disbursement Report for the month of August 2023
  - e. Consolidated Summary of Cash and Investment – July 2023
  - f. OPEB and Pension Trust Fund statements

2. FINANCIAL REPORT
  - a. Combined Financial Statements and Budget Comparative for the Period Ending July 31, 2023

**ACTION ITEM**

3. ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) COMMITTEE CONSIDERATION FOR 2024/25
4. PROFESSIONAL SERVICES CONTRACT AWARD FOR LEAD & COPPER RULE REVISIONS (LCRR) SERVICE LINE INVENTORY CHOICE PROGRAM

**INFORMATION ITEMS – (THE FOLLOWING ITEMS ARE FOR INFORMATIONAL PURPOSES ONLY – BACKGROUND INFORMATION IS INCLUDED IN THE PACKET. DISCUSSION IS NOT NECESSARY UNLESS REQUESTED BY A DIRECTOR.)**

5. MWDOC WATER FACILITIES CORPORATION (to be presented to the Water Facilities Corporation Board for action on September 20, 2023)
  - a. 2023 Annual Filing of Tax Compliance Reports for the MWDOC Water Facilities Corporation
  - b. Annual Reorganization of Board Officers for the MWDOC Water Facilities Corporation
6. DEPARTMENT ACTIVITIES REPORTS
  - a. Administration
  - b. Finance and Information Technology
7. MONTHLY WATER USAGE DATA AND WATER SUPPLY INFORMATION

**OTHER ITEMS**

8. REVIEW ISSUES REGARDING DISTRICT ORGANIZATION, PERSONNEL MATTERS, EMPLOYEE BENEFITS FINANCE AND INSURANCE

**ADJOURNMENT**

**NOTE:** At the discretion of the Committee, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated, and may be subject to action by the Committee. On those items designated for Board action, the Committee reviews the items and makes a recommendation for final action to the full Board of Directors; final action will be taken by the Board of Directors. Agendas for Committee and Board meetings may be obtained from the District Secretary. Members of the public are advised that the Board consideration process includes consideration of each agenda item by one or more Committees indicated on the Board Action Sheet. Attendance at Committee meetings and the Board meeting considering an item consequently is advised.

Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodation should make the request with adequate time before the meeting for the District to provide the requested accommodation.

REGULAR MEETING  
OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
AND ANNUAL MEETING OF THE BOARD OF DIRECTORS  
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY  
WATER FACILITIES CORPORATION  
18700 Ward Street, Board Room, Fountain Valley, California  
September 20, 2023, 8:30 a.m.

**This meeting will be held in person. As a convenience for the public, the meeting may also be accessed by Zoom Webinar and will be available by either computer or telephone audio as indicated below. Because this is an in-person meeting and the Zoom component is not required, but rather is being offered as a convenience, if there are any technical issues during the meeting, this meeting will continue and will not be suspended.**

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**Webinar ID:** 882 866 5300#

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## AGENDA

### MOMENT OF SILENCE

### PLEDGE OF ALLEGIANCE

### ROLL CALL

### PUBLIC COMMENTS/PARTICIPATION

At this time, members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken. If the item is on the Consent Calendar, please inform the Board Secretary before action is taken on the Consent Calendar and the item will be removed for separate consideration.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

### ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize items(s) which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present, or, if less than two-thirds of the Board members are present, a unanimous vote of those members present.)

### ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

Pursuant to Government Code section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

### EMPLOYEE SERVICE AWARDS

**MWDOC WATER FACILITIES CORPORATION AGENDA ITEMS**

**WFC-1 FINANCIAL REPORT**

- a. Annual Filing of Tax Compliance Reports.

*Recommendation: Authorize the annual filing of the tax compliance reports as presented.*

**WFC-2 REORGANIZATION OF MWDOC WFC BOARD OFFICERS**

*Recommendation: Consider reorganizing the MWDOC WFC Board officers*

**ADJOURNMENT -- END MWDOC WFC AGENDA**

**MWDOC AGENDA**

**NEXT RESOLUTION NO. 2143**

**CONSENT CALENDAR (Items 1 to 7)**

(All matters under the Consent Calendar will be approved by one motion unless a Board member requests separate action on a specific item)

**1. MINUTES**

- a. August 2, 2023 Workshop Board Meeting
- b. August 16, 2023 Regular Board Meeting

*Recommendation: Approve as presented.*

**2. COMMITTEE MEETING REPORTS**

- a. Planning & Operations Committee Meeting (cancelled)
- b. Administration & Finance Committee Meeting: August 9, 2023
- c. Executive Committee Meeting: August 17, 2023

*Recommendation: Receive and file as presented.*

**3. TREASURER'S REPORTS**

- a. MWDOC Revenue/Cash Receipt Register as of August 31, 2023
- b. Disbursement Registers (August/September)

*Recommendation: Ratify and approve as presented.*

- c. Summary of Cash and Investment and Portfolio Master Summary Report (Cash and Investment report) as of July 31, 2023
- d. PARS Monthly Statement (OPEB Trust)

*Recommendation: Receive and file as presented.*



**4. FINANCIAL REPORT**

- a. Draft Combined Financial Statements and Budget Comparative for the Period Ending July 31, 2023

*Recommendation: Receive and file as presented.*

**5. AUTHORIZE WEROC MOBILE EOC**

*Recommendation: Approve use of MWDOC reserve funding not to exceed \$400,000 to purchase a mobile EOC/Command Vehicle (Option 1).*

**6. ASSOCIATION OF CALIFORNIA WATER AGENCIES (ACWA) COMMITTEE CONSIDERATION FOR 2024-25**

*Recommendation: Authorize the requests to serve on various ACWA Committees for the 2024-25 term, and direct staff to submit the completed Committee Consideration Forms by the September 30, 2023 deadline.*

**7. PROFESSIONAL SERVICES CONTRACT AWARD FOR LEAD & COPPER RULE REVISIONS (LCRR) SERVICE LINE INVENTORY CHOICE PROGRAM**

*Recommendation: Authorize the Interim General Manager to enter into a professional services agreement with Hazen and Sawyer (Hazen) to assist in the development of participating agencies' Lead and Copper Rule Revisions (LCRR) Service Line Inventories. Depending on the number of Orange County agencies that elect to participate, the final contract amount will include all of the participating agencies' costs. This would include any contingency items that the participating agencies request and/or that the consultant deem are needed to meet the requirements of the LCRR regulations. These contingency items can range from additional assistance in the collection, review, and analysis of record documents to the consultant providing field personnel to conduct field investigations. To date, MWDOC has received commitment from 13 agencies to participate in the Choice Program (pending their governing body's approval) with 2 additional agencies still under consideration. Attachment A to the write up includes the list of agencies who have indicated participation in this joint effort with MWDOC. If all 15 agencies participate, the total contract, with estimated contingency items, can range from \$2,094,000 to \$2,948,000.*

**End Consent Calendar**

**INFORMATION CALENDAR** (All matters under the Information Calendar will be Received/Filed as presented following any discussion that may occur)

**8. GENERAL MANAGER'S REPORT, SEPTEMBER 2023 (ORAL AND WRITTEN)**

- a. Initial Member Agency Managers Feedback regarding Consolidation Issues

*Recommendation: Receive and file report(s) as presented.*

**9. SOLE SOURCE AGREEMENT WITH ESRI, INC.**

*Recommendation: Receive and file the Sole Source information.*

**10. MWDOC GENERAL INFORMATION ITEMS**

- a. Board of Directors - Reports re: Conferences and Meetings
- b. Requests for Future Agenda Topics

*Recommendation: Receive and file as presented.*

**ADJOURNMENT**

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# **GENERAL MANAGER REPORT OF STAFF ACTIVITIES**

**September 2023**

## MUNICIPAL WATER DISTRICT OF ORANGE COUNTY

### MEMBER AGENCY MANAGERS MEETING

MWDOC held its Member Agency Managers' meeting at its office in Fountain Valley on Thursday, August 17, 2023.

**In attendance:** Rudy Correa – Brea, Mike McGee - Buena Park, Mark Sprague – Fountain Valley, Andrew Ferrigno – Huntington Beach, Cel Pasillas - Garden Grove, Mark Vukojevic & Steffen Catron - Newport Beach, Jose Diaz – Orange, Scott Miller – Westminster, Mark Sprague - Fountain Valley, Ken Vecchiarelli - Golden State Water Company, Paul Cook & Paul Weghorst - Irvine Ranch WD, Paul Shoenberger - Mesa WD, Kaden Young, Johnathan Cruz & Laura Rocha - Moulton Niguel WD, Mike Markus – Orange County WD, David Rebensdorf - San Clemente, Jim Leach & Dan Ferons - Santa Margarita WD, Greg Pennington - South Coast WD, Fernando Paludi - Trabuco Canyon WD, Dennis Cafferty - El Toro WD, Keith Van Der Maaten – Long Beach County WD, Iris Lee – Seal Beach, Michael Grisso – Tustin, David Youngblood – East Orange County WD, Ken Vecchiarelli & Toby Moore – Golden State WC, Dustin Burnside – San Clemente, Jerry Vilander – Serrano WD, Mark Toy – Yorba Linda WD

**Staff in attendance:** Harvey De La Torre, Charles Busslinger, Joseph Berg, Alex Heide, Kevin Hostert, Heather Baez, Sarina Sriboonlue

#### General Meeting Information/Discussion Items:

- Draft Board Agendas
- MWDOC OCGJ Response Letter
- LCRR Service Line Inventory Follow-Up
- Shutdown Update
- Metropolitan Update
  - Metropolitan's Long-Range Finance Plan
  - Cyclic Cost Offset Program Modifications

#### Announcements:

- OC Water Summit - Friday, October 13

#### Report Items

- Monthly GM Report
- Legislative Reports
- WEROC Matrix
- Grant Funding Opportunities
- Additional Reports or Materials

Next meeting is tentatively scheduled for September 21, 2023

## ENGINEERING & PLANNING

### RELIABILITY STUDY UPDATE

Staff has been working with consultant CDM Smith, Metropolitan Water District (MET) staff, and the retail agencies on an update to the 2018 OC Water Reliability Study (2023 OC Study). Updating the planning assumptions and understanding the implications will be useful to our staff, Directors, MET Directors, and member agencies for future water reliability decision considerations. This update was launched because of significant changes in conditions since the publication of the 2018 OC Study.

Information on the Study was presented:

1.	Agency Managers Mtg	Initial Results Presentation	5/19/2022
2.	P&O Committee	Revised Results Presentation	6/06/2022
3.	P&O Committee	Revisions based on Comments	9/06/2022
4.	Agency Managers Mtg	Additional Revisions	1/12/2023
5.	A&F Committee	Additional Revisions	2/08/2023
6.	Review Draft Released for comments		5/02/2023
7.	Agency Managers Mtg	Agency Requested Meeting	6/08/2023

The final report is included as a Receive and File Informational Item in this P&O Committee packet.

### LEAD AND COPPER RULE REVISIONS – LEAD SERVICE LINE INVENTORY CHOICE PROGRAM

In mid-March 2023, multiple agencies requested MWDOC's assistance in complying with US EPA Lead and Copper Rule Revisions (LCRR) - Service Line Inventories, which all water systems are required to complete and submit to the primacy agency (for California, that is the State Water Boards) by October 16, 2024.

On May 24, 2023, MWDOC hosted an initial meeting with (18) OC agencies and the State Division of Drinking Water staff regarding the LCRR – Lead Service Line Inventory compliance requirements.

On June 19, 2023, MWDOC posted an RFP to the MWDOC website for technical assistance with multiple agencies' service line inventories and directly invited seven (7) consultants to respond.

On July 26, 2023, MWDOC received five (5) proposals. A Scoring Committee reviewed the proposals toward a recommendation for consideration of the contract award at the A&F Committee on September 13, 2023.

On August 10, 2023, MWDOC hosted a 2nd workshop with interested agencies to:

- Update agencies on the status of the RFP process,
- Provide preliminary cost estimates for the various areas where agencies may need assistance,
- Get an initial count of interested agencies to support negotiations with the consultants and to
- discuss the multi-party agreement and financing of the project.

An agency survey during the workshop revealed that 21 of 22 respondents were interested in participating.

On August 15, 2023, MWDOC began negotiations with the top-scoring consultant to refine Levels of Effort and cost per service category.

On August 24, 2023, MWDOC hosted a 3rd workshop with interested agencies to provide a greater understanding of the process and timeline for achieving compliance.

In late August, MWDOC staff began one-on-one meetings with interested agencies to provide additional information and answer agency-specific questions related to LCRR compliance approach and costs, Choice Services Program financing, data needs, and others to help agencies navigate the process.

The project is scheduled to begin issuing Notices to Proceed on a first-come, first-served basis in October 2023.

## **MNWD PUMP-IN TO EOCF #2 TECHNICAL STUDY**

MWDOC hosted a meeting on May 24, 2023, concerning MNWD's technical study of a potential pump-in project to East OC Feeder #2 from the City of Santa Ana's East Station. The meeting included MET's Water Quality Group staff, Moulton Niguel Water District (MNWD), the City of Santa Ana, OCWD, and consultant Brown & Caldwell.

MWDOC hosted a 2nd meeting on June 12, 2023, with MNWD staff, Brown & Caldwell, and staff from MET's Engineering and Operations groups to further discuss technical issues.

MWDOC hosted a 3rd technical meeting on August 2, 2023, between MET staff, MWDOC, MNWD, and consultant Brown & Caldwell.

MWDOC continues to support MNWD's efforts as they work with Brown & Caldwell to complete their technical study.

## **DOHENY OCEAN DESALINATION PROJECT**

South Coast Water District (SCWD) continues to develop the Doheny Ocean Desalination Project. SCWD estimates an online date of 2028 if approved by the SCWD Board.

At the SCWD Board Meeting on June 22, 2023, Clean Energy Capital (CEC) provided an update on the financial implications of the project. CEC presented updated cost projections for a 5 MGD project where SCWD would take 2 MGD.

The updated estimated 1st-year water cost is \$2,597/AF (in 2028\$) or \$2,058/AF (discounted to 2023\$), which is a \$469/AF increase vs. CEC's 2021 estimate. The increase is largely driven by increases in energy costs (with energy costs making up 60% of the overall cost increase).

#### **SCWD Unit Cost of Water (\$/AF)**

MWDOC Average of High and Low	\$2,100
5 MGD Plant	\$2,701
Difference	\$ 601

#### **SCWD Annual Cost of Water**

No Desal	\$10,559,921
With 5 MGD Plant	\$11,839,526
Difference	\$ 1,279,605

#### **SCWD Residential Average Monthly Cost**

No Desal	\$141.63
With 5 MGD Plant	\$145.64
Difference	\$4.01

#### **CEC estimates Construction Costs as follows:**

Escalated to a Feb 1, 2025, construction start date	\$137,642,914
Total Grants	(\$ 30,423,241)
Total Development & Financing Costs	\$ 30,685,350
Total Capitalized Costs	\$137,905,023

#### **SCWD Staff Report is located here:**

[https://scwd.granicus.com/MetaViewer.php?view\\_id=3&clip\\_id=2790&meta\\_id=180312](https://scwd.granicus.com/MetaViewer.php?view_id=3&clip_id=2790&meta_id=180312)

#### **CEC Presentation slides are located here:**

[https://scwd.granicus.com/MetaViewer.php?view\\_id=3&clip\\_id=2790&meta\\_id=180313](https://scwd.granicus.com/MetaViewer.php?view_id=3&clip_id=2790&meta_id=180313)

On July 27, 2023, SCWD released the Request for Qualifications for the Progressive Design Build Operate and Maintain (DBOM) Project, with the Request for Proposals planned to be released in October 2023.

## **SOUTH ORANGE COUNTY NITRIFICATION ISSUES**

MWDOC staff are actively working with the agencies in South Orange County and Metropolitan staff on resolving nitrification issues on the Allen McColloch Pipeline (AMP) and Joint Transmission Main (JTM). The nitrification issues are largely a result of a pronounced drop in imported water demands due to Tropical Storm Hilary from August 19-21, 2023. Temperatures during the storm event remained relatively warm, which is not usually associated with rain events in OC. MET's Water Treatment Plants are on a



high blend of State Water Project (SWP) to Colorado River Aqueduct (CRA) water. SWP water is high in organics, whereas CRA water is high in Total Dissolved Solids (TDS).

## **AMP**

Volumetric demands on the AMP between OC-70 in the City of Orange and the downstream terminus dropped by 75% during and after the storm compared to August 18, 2023, volumes, resulting in increased detention time. MET began flushing at three locations along the lower reach of the AMP starting early am on Thursday, August 23rd, with continuous flushing through Monday, August 28th. Demands on the AMP also started increasing toward pre-storm levels beginning August 24th. Nitrite levels have steadily reduced and MET and the retail agencies continue to monitor the situation and take additional actions as needed.

## **JTM**

Volumetric demands through CM-10 serving the Joint Transmission Main dropped 82% during and right after the storm compared to August 18, 2023, volumes, resulting in increased detention time. MET began flushing East OC Feeder No. 2 into the San Joaquin Reservoir on August 24th, with continuous flushing through Monday, August 28th. SCWD, as operator of the JTM, began flushing the JTM and mobilized a temporary chloramine booster station for the JTM on August 24th with continuous flushing and boosting of chloramines through Monday (today), August 28th. Total Chlorine residuals have greatly improved, and Nitrite levels are declining. MET, MWDOC, and the retail agencies continue to monitor and take action as needed.

## **SWP Blend at Diemer**

There is some question about whether a high SWP blend into the Diemer Water Treatment Plant may have exacerbated the situation. Retail agencies have requested that the SWP to CRA blend be changed. MET has agreed to change the blend from 77% SWP water into Diemer to 50% beginning Monday, August 28th. We continue to work with MET and the retail agencies and continue to monitor the situation, temperatures, and import water demands on the OC pipelines.

MET is currently experiencing similar issues at multiple locations through the MET system. This event has highlighted the challenges of running the imported water system in the future as all of Southern California moves to more local water resources and lower imported demands.

## **SHUTDOWNS**

### **R6 Reservoir Rehabilitation**

El Toro Water District (ETWD) shut down the 275 Million Gallon R6 Reservoir to replace the aging reservoir liner and cover in November 2022. ETWD is now scheduling

reservoir refilling and return to service from Aug. 30, 2023, through Sept. 30, 2023. MWDOC is coordinating with MET and the South Orange County agencies to return R6 to service in time for an October 2023 AMP Prestressed Concrete Cylinder Pipe (PCCP) Inspection shutdown.

### **AMP Prestressed Concrete Cylinder Pipe (PCCP) Inspection**

MWDOC has coordinated with ETWD, MET, and the SOC agencies to move the scheduled shutdown of the AMP down-gradient of OC-70 to Oct. 29, 2023 – Nov. 4, 2023, to accommodate the R6 reservoir return to service. R6 is needed to support SOC agencies during the AMP Shutdown.

MET is conducting a periodic inspection of the PCCP sections of the AMP. These inspections are to monitor the condition of the high tensile strength prestressed structural steel wire in the pipe. A rehabilitation project for the AMP to add a structural steel liner to the PCCP sections of the pipeline is currently in design with an estimated start date of late 2027, which will require a series of shutdowns over a 2–3-year period.

### **Diemer Water Treatment Plant**

MET has rescheduled a 7-day shutdown of the Diemer WTP to repair a broken chlorine solution line to January 5-11, 2024. Finding a suitable window for this shutdown presented challenges due to numerous maintenance shutdowns by MET and retail agencies and fire danger concerns.

Coinciding with the 7-day Diemer shutdown, the following pipelines will also be down for repairs:

- Allen-McColloch Pipeline
- East Orange County Feeder No.1
- East Orange County Feeder No.2
- Lower Feeder (Treated)
- Lower Feeder (Untreated)
- Second Lower Feeder (portions)

## **EMERGENCY PREPAREDNESS**

### **AUGUST INCIDENTS/EVENTS**

- Tropical Storm Hilary

Vicki represented water/wastewater agencies on 6 County Coordination calls. She also sent updates and information to the agencies throughout the event. She worked with those with potential impacts, such as reservoir overflow potential, to communicate with city emergency managers and the County as required.

Vicki can provide additional information on this event as warranted.

### **COORDINATION/PARTICIPATION WITH MEMBER AGENCIES AND OUTSIDE AGENCIES MEETINGS OUTSIDE OF PROGRAMS AREAS AND EMERGENCY RESPONSE**

- On 8/3, Janine attended the monthly Orange County Emergency Management Organization (OCEMO) meeting in Laguna Niguel. Presentations included an overview of the OC Courts system, Emergency Management, and the normally scheduled subcommittee report-outs.
- On 8/4, Vicki gave her monthly update to the WACO meeting.
- On 8/9, Vicki attended the quarterly Operational Area Executive Board meeting and provided the water/wastewater activation report to the group.
- On 8/10, Vicki attended the IRWD tabletop exercise for the Santiago Dam Reservoir.
- On 8/11, Vicki joined SMWD on a conference call with the California Office of Emergency Services (CalOES) regarding the OSO Dam Plan, in which CalOES asked for specific changes before approval. Vicki will be assisting SMWD with the corrections before resubmitting for approval.
- On 8/14, Vicki attended a GIS planning meeting with WUE and Engineering.
- On 8/15, the WEROC Quarterly Meeting was held with member agencies.
- On 8/16, Janine attended the AWWA Water Education Seminars at Santiago College in Orange.
- On 8/22, Vicki attended a workshop/tabletop initial planning meeting with the South Coast Water District. Vicki is designing an exercise for the agency to encompass an after-action meeting, training on policies and procedures, and a discussion-based module to apply information learned.
- On 8/23, Vicki supported OCWD with the fire/evacuation drill by evaluating the drill and providing feedback on the event.
- On 8/28, Vicki attended the Urban Area Security Initiative (UASI) Working Group meeting to start providing stakeholder feedback on the annual State Preparedness Report.

## **PLANNING AND PROGRAM EFFORTS**

### **EOC Readiness & EOC Project**

Mobile CP/EOC Project - Refer to Discussion item #1 at the September P&O Committee Meeting.

Efforts to continue implementing lessons learned from the May 2023 exercise are taking place. An example of current actions is developing a functional email address for use by any EOC responder.

### **IT & Cyber Security**

WEROC continues to send out important information to the Cyber Security Distribution Group as received from DHS or the OCIAC.

The next WEROC Cyber Security Working Group meeting is scheduled for September 19th. There will be a briefing by the FBI and OCIAC on the Discovery Bay Water Facility Attack and an overview of current threats and IT Information presented to the group.

### **Member Agency and County/Operational Area Plan Review**

Vicki reviewed or revised the following plans this month:

- SCWD Palisades Dam Emergency Response Plan (has been submitted to CalOES for approval)
- SMWD Oso Reservoir Plan (revision made based on input from CalOES) and submitted for approval.

### **Regional Fuel Project**

Vicki has begun the research and data collection for the Regional Fuel Planning Project. Agencies were asked to provide critical infrastructure information by August 31st.

### **Regional Mapping Project**

Janine has started revising the 2017 WEROC Map Atlas and Public Safety Power Shut (PSPS) Off map updates.

### **Resource Requests and Member Agency Inventory Lists**

Janine has completed this project.

## **TRAINING AND EXERCISES**

On 8/7 & 8/8., Vicki taught a G626 EOC Action Planning Course at Moulton Niguel Water District.

Vicki is creating a Workshop/Tabletop Exercise (TTX) for SCWD to be delivered on October 26th.

## **WEROC QUARTERLY MEETING**

The WEROC Quarterly Meeting was held on August 15th. The following was the agenda for the meeting:

- Current Events Update
  - Covid-19 Update
  - WEROC Mobile EOC Update
  - Regional Fuel Planning Project
  - Member Agency Resource Inventory Listings Update
  - Great Shakeout 2023
  - National EAS Test
- WEROC's Goals and Objectives 2024
  - Planning & Program Initiatives
    - Member Agency Mapping Project
    - 2024 Hazard Mitigation/AWIA Project
    - Cybersecurity Program Update
  - Training and Exercises
    - WEROC Trainings for the remainder of 2023
    - WEROC IPP Multi-Year Training Schedule 2024+

## MET ITEMS CRITICAL TO ORANGE COUNTY

### MET FINANCE AND RATE ISSUES

#### RECENT ACTIVITY

Water Transactions for June 2023 (for water delivered in April 2023) totaled 75.4 thousand acre-feet (TAF), which was 44.2 TAF lower than the budget of 119.6 TAF and translates to \$75.2 million in receipts for June 2023, which was \$40.6 million lower than the budget of \$115.8 million.

Year-to-date water transactions through June 2023 (for water delivered in May 2022 through April 2023) were 1,385.8 TAF, which was 204.4 TAF lower than the budget of 1,590.2 TAF. Year-to-date water receipts through June 2023 were \$1,322.7 million, which was \$180.5 million lower than the budget of \$1,503.2 million.

On June 21, 2023, Metropolitan issued \$258,410,000 in Water Revenue and Refunding Bonds, 2023 Series A. Bond proceeds funded a portion of Metropolitan's Capital Investment Plan, repaid a \$35.6 million draw on a Wells Fargo Bank Revolving Credit Facility that was used to refund a similar amount of subordinate lien bonds, and funded issuance costs.

#### MET'S SUPPLY CONDITION UPDATE

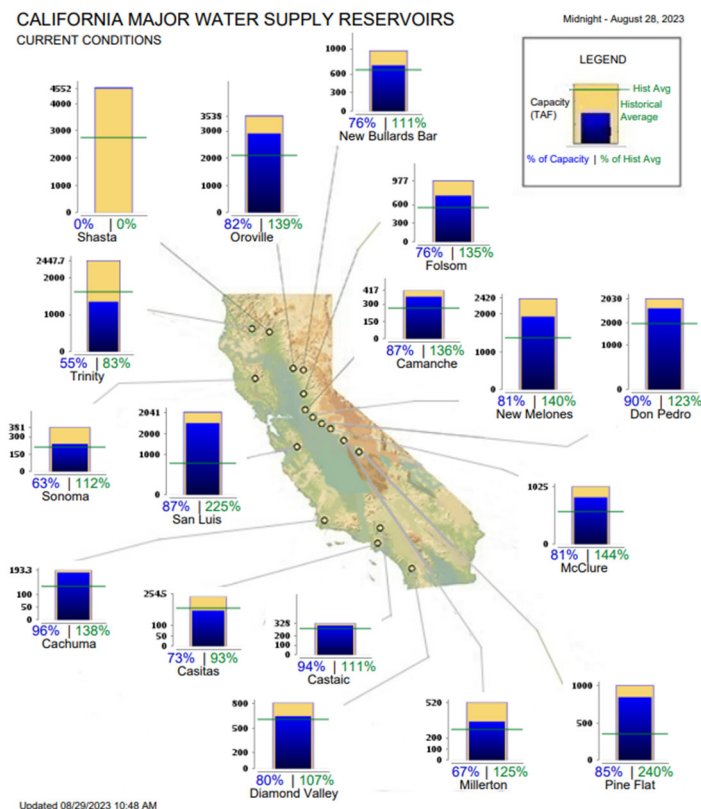
The 2022-23 Water Year (2022-23 WY) officially started on October 1, 2022. Thus far, Northern California accumulated precipitation (8-Station Index) reported **65.1 inches or 132% of normal** as of August 29th. The Northern Sierra Snow Water Equivalent peaked at **59.1 inches on April 9<sup>th</sup>**, which is **215% of normal** for that day. Due to the barrage of atmospheric rivers in January and March, the Department of Water Resources (DWR) has increased the State Water Project (SWP) **"Table A" allocation to 100%**. This allocation provides Metropolitan with approximately **1,911,500 AF in SWP deliveries this water year**. In addition, Article 21 supplies (approximately 148,000 AF) were made to SWP contractors on March 24, 2023. DWR's SWP Allocation considers several factors, including existing storage in SWP, conservation reservoirs, SWP operational, regulatory constraints, and the 2023 contractor demands. Metropolitan also received **134,000 AF for Human Health and Safety Supply in Calendar Year (CY) 2022**.

The Upper Colorado River Basin accumulated precipitation is reporting **32.3 inches or 117% of normal as of August 28<sup>th</sup>**. On the Colorado River system, snowpack is measured across four states in the Upper Colorado River Basin. The Upper Colorado River Basin Snow Water Equivalent peaked at **26.2 inches as of April 10<sup>th</sup>**, which is **131% of normal** for that day. Due to the below-average inflows into Lake Powell over the past several years, the United States Bureau of Reclamation **declared a shortage at Lake Mead that has been ongoing since January 1<sup>st</sup>, 2022**. As of August, **there is a 93% chance of shortage continuing in CY 2024 and a 3% chance that Metropolitan will see a 180,000 AF reduction in Colorado River water supplies in CY 2025.**

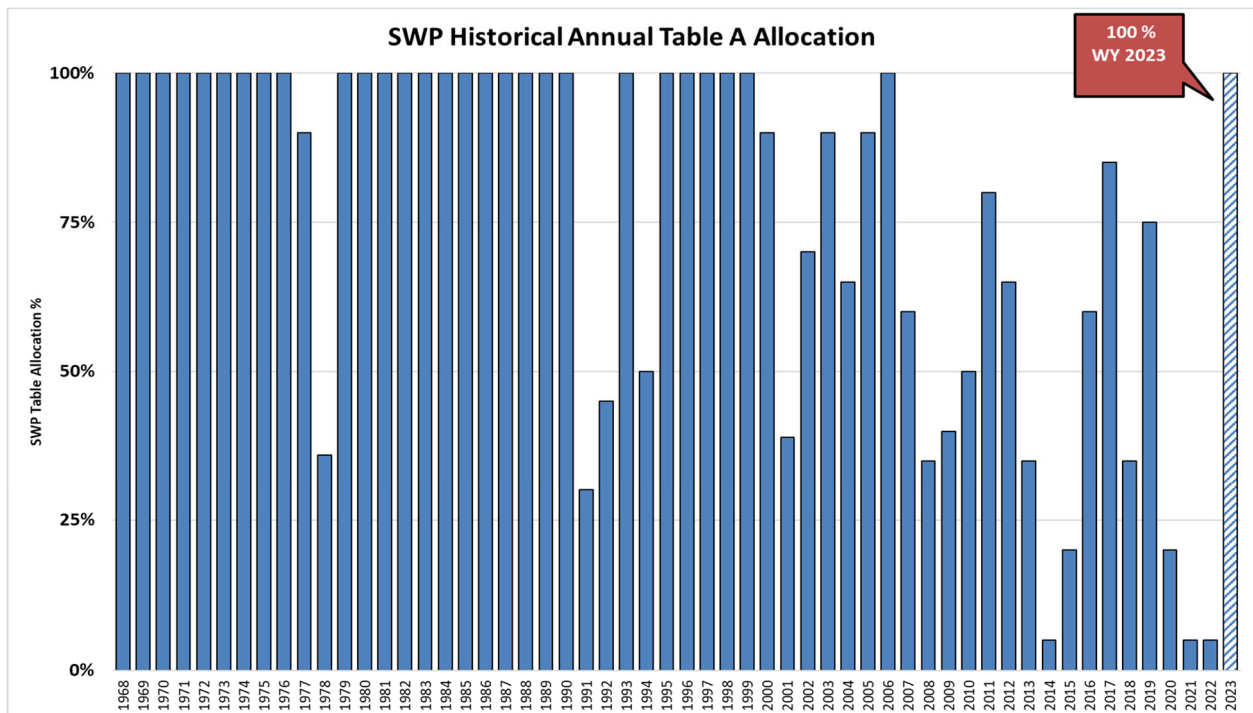
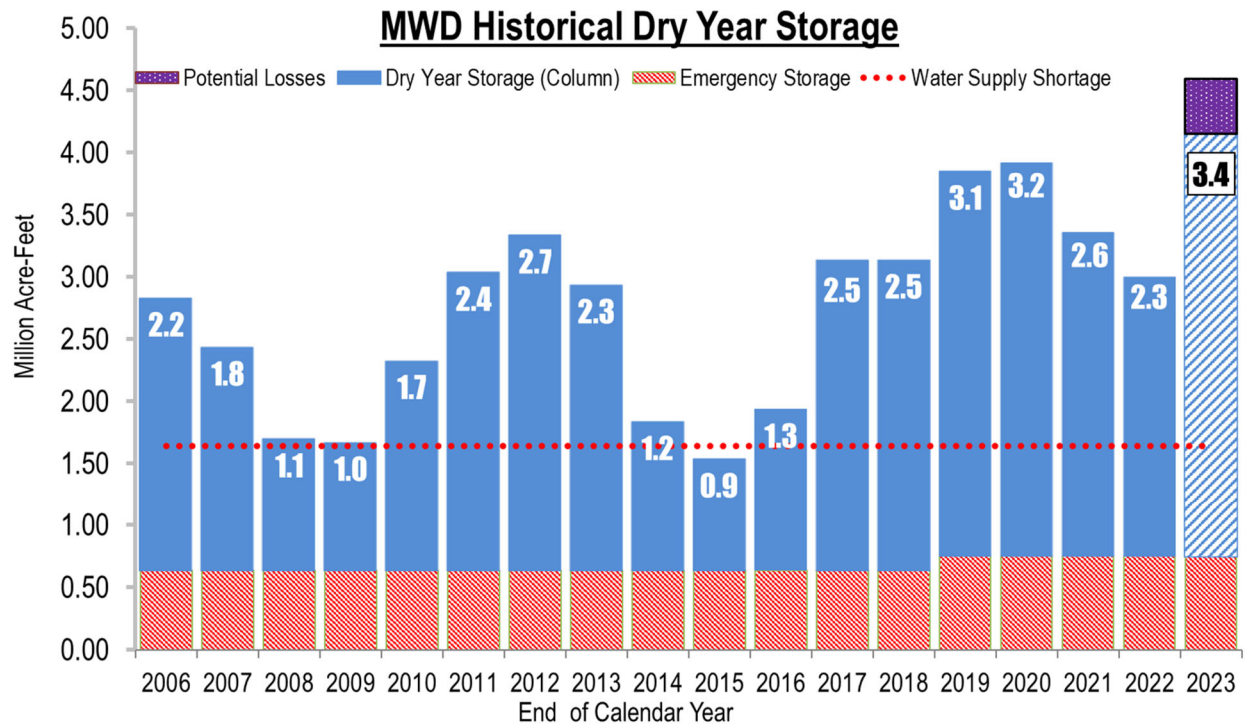
As of August 28<sup>th</sup>, Lake Oroville storage is **82% of total capacity and 139% of normal**. As of August 28<sup>th</sup>, San Luis Reservoir has a current volume of **87% of the reservoir's total capacity and is 225% of normal**.

With CY 2023 estimated total demands and losses of 1.55 million acre-feet (MAF) and with a 100% SWP Table A Allocation, Metropolitan is projecting that supplies will exceed demand levels in CY 2023. Based on this, Metropolitan's estimated dry-year storage at the end of **CY 2023 will increase to approximately 3.4 MAF**.

A projected dry-year storage supply of **3.4 MAF would be the highest level in MWD History. Unfortunately, due to the 100% SWP Table A Allocation, there is potential that MWD will not be able to store approximately 437 TAF**. A large factor in maintaining a high-water storage level is lower than expected water demands. We are seeing regional water demands reaching a 40-year low. **However, with a majority of MWD's water supplies stored in Lake Mead and still a 5-year shortage projection at Lake Mead, there remains a lot of uncertainty about where supply balances will be in the future.**







## **MET'S WATER QUALITY UPDATE**

### **Water System Operations**

Metropolitan member agency water deliveries were 112,400 acre-feet (AF) for July, with an average of 3,600 AF per day, which was about 700 AF per day higher than in June. In addition, Metropolitan delivered 24,600 AF to Cyclic and Conjunctive Use Programs. Treated water deliveries increased by around 10,000 AF from June for a total of 69,600 AF, or 51 percent of total deliveries for the month. The Colorado River Aqueduct (CRA) pumped a total of 70,000 AF in June. State Water Project (SWP) imports averaged 4,200 AF per day, totaling about 130,000 AF for the month. The target SWP blend is around 50 percent for the Weymouth and Diemer plants and 55 percent for the Skinner plant.

### **Water Treatment and Distribution**

The SWP target blend entering the Weymouth and Diemer plants was approximately 50 percent in July. The Mills plant continued to receive a blend of water from Silverwood Lake and Lake Perris in July because of low alkalinity in the East Branch SWP. The SWP target entering Lake Skinner fluctuated to accommodate multiple operational needs and to maximize water delivery from the SWP. The SWP blend leaving Lake Skinner was in the range of 40 to 70 percent. Flow-weighted running annual averages for total dissolved solids from June 2022 through May 2023 for Metropolitan's treatment plants capable of receiving a blend of supplies from the SWP and the CRA were 545, 558, and 620 mg/L for the Weymouth, Diemer, and Skinner plants, respectively. Metropolitan staff cleaned the sedimentation basin as part of the annual preventative maintenance work at the Diemer plant. The sedimentation basins are essential to the treatment process, where most suspended solids are removed. Preventative maintenance is critical to ensure the reliability and longevity of the equipment.

### **Future Legislation and Regulation**

On June 16, the Division of Drinking Water announced a proposed maximum contaminant level (MCL) for hexavalent chromium of 10 micrograms per liter (µg/L) and a detection limit for purposes of reporting (DLR) of 0.1 µg/L. Compliance timelines vary from 2 to 4 years, depending on system size. Metropolitan staff will submit comments in support of the MCL by the August 4, 2023, comment deadline.

On July 5, Metropolitan staff submitted written comments to the Senate Environment and Public Works Committee on a draft bill to address PFAS in the environment. The letter asked Congress to provide a more expansive definition of PFAS to protect against future PFAS contaminants; follow the tenants of the Safe Drinking Water Act rather than mandating various PFAS (namely PFNA, PFHxS, PFBS, and HFPO-DA) be regulated; provide grants or loans to help water systems install PFAS remediation systems; and most important, add a new section that exempts water and wastewater treatment facilities from liability under CERCLA. Metropolitan staff will continue to engage Congress and EPA with respect to regulating PFAS. On July 21, the State Water Resources Control Board released proposed Direct Potable Reuse (DPR) regulations. The regulations provide the regulatory framework by which highly treated recycled water

can be introduced immediately upstream of a water treatment plant or directly into a public water system. Metropolitan staff is coordinating with the Los Angeles County Sanitation Districts and the member agencies on comments to be submitted by the September 8, 2023, comment deadline.

## The Metropolitan Water District of Southern California

### Weekly Operations Plan for 8/24/2023 – 8/31/2023

For additional information, please contact James Bodnar at (213) 217-6099

1. **COLORADO RIVER AQUEDUCT:** The CRA is at a 3-pump flow.
2. **EAST BRANCH SPW:** Rialto Pipeline will average a flow between 1,000 and 1,300 AF/day. Santa Ana Valley Pipeline will be at 125 – 175 AF/day. Inland Feeder flow will be at 1,450 – 1,650 AF/day.
3. **WEST BRANCH SPW:** The flow from Castaic Lake will range between 1,200 and 1,500 AF/day. Flow to SCVWA (formerly CLWA) is currently at 60 AF/day.

4. **TERMINAL RESERVOIRS:**

Reservoir	Current Storage* (AF)	Percent of Capacity
Lake Mathews	154,100	85%
Lake Skinner	39,000	89%
DVL	642,800	79%

\*as of 8/23/2023

5. **WATER QUALITY:**

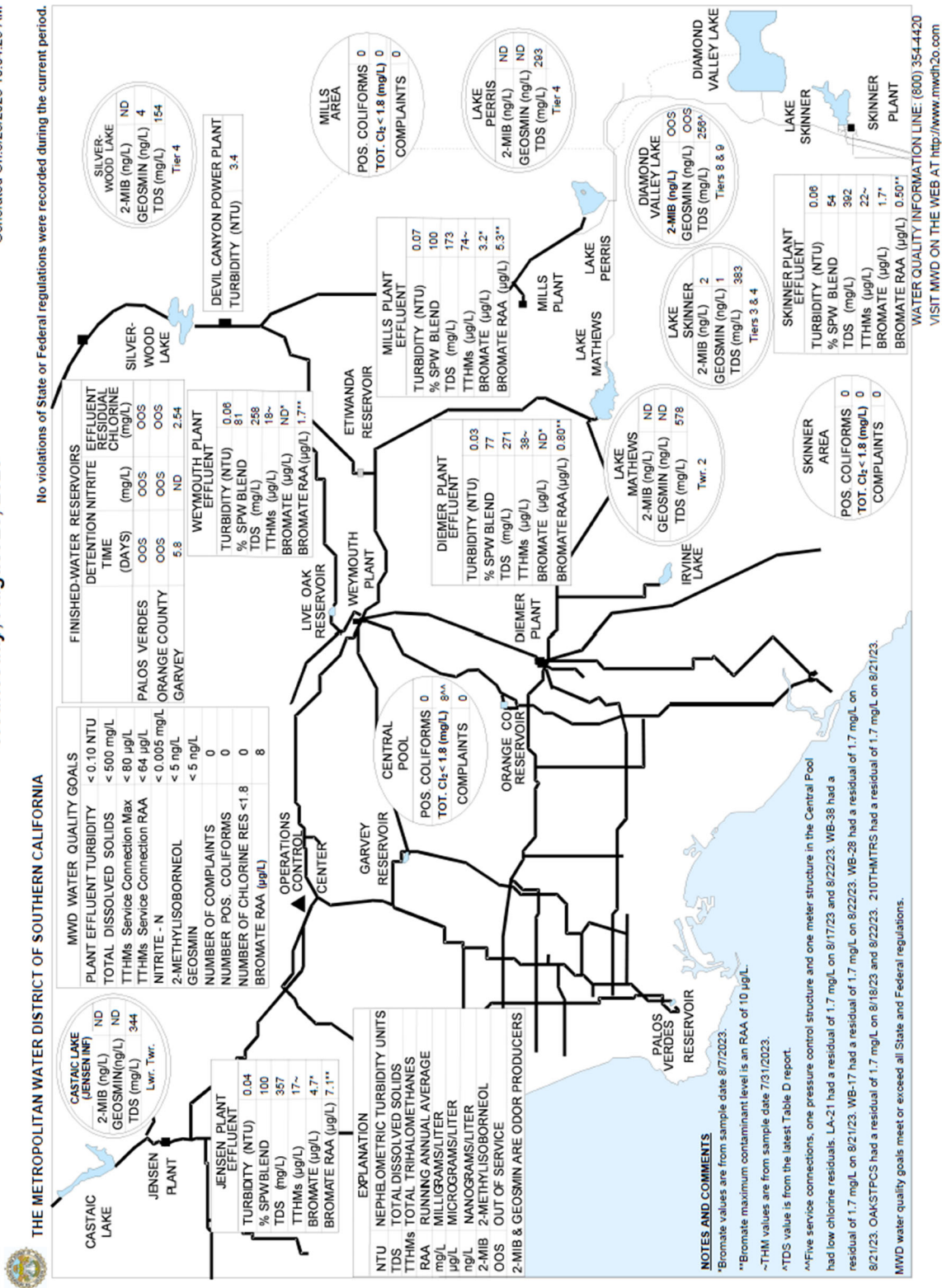
Plant	Targeted Blend (% SPW)	TDS (mg/L)	TTHMs (µg/L)
	As of 8/23/2023	As of 8/23/2023	As of 7/31/2023
Weymouth	80	258	18
Diemer	80	271	38
Skinner	55	392	22
Jensen	100	357	17
Mills	100	173	74

6. **WATER DELIVERIES:** August deliveries are forecasted to be about 121 TAF. As of August 23, 2023, total system demands are about 4,300 AF/day, a decrease of 2,000 AF/day from last week.
7. **HYDROELECTRIC GENERATION:** As of August 23, 2023, the total daily average generation for the week was about 11.0 MW, with 3 of 15 hydroelectric plants in operation.

# Weekly Water Quality System Status

Wednesday, August 23, 2023

Generated On: 8/23/2023 10:04:29 AM





## Water Quality Section Weekly TDS Report

For the week of 7/30/2023

Percent SPW Needed to Achieve TDS Goal of 500 mg/L				Estimated TDS for Reservoirs		
Source Water TDS		SPW Required		Reservoir (Effluent)	Date	mg/L
Plant	CRW	SPW	Percent			
Weymouth	606	179	25%	Lake Havasu (Table D)	6/14/23	660
Diemer	606	179	25%	Lake Mathews (DFPI-LWRFR)	7/31/23	606
Skinner-Silverwood	656	179	33%	Lake Skinner (Outlet Structure)	7/31/23	366
Skinner-Perris	656	138	30%	Castaic Lake (JFP)	7/30/23	345
CRW for Diemer and Weymouth is Lake Mathews and San Jacinto - West Portal for Skinner.				Silverwood (Mills Int)	7/30/23	179
				Lake Perris	7/31/23	138
				DVL Outlet (Table D)	6/7/23	256

### SUNDAY COMPOSITE ESTIMATED TDS FOR 03/26/23 - 07/30/23

TDS For Week of 7/30	
Plant Eff.	mg/L
Diemer	431
Weymouth	462
Skinner	402
Jensen	354
Mills	208



Sunday composite estimated TDS measured from plant effluent composite samples collected on Sunday and analyzed for hardness and electrical conductivity.

### WEEKLY COMPOSITE ESTIMATED TDS FOR 03/26/23 - 07/30/23

TDS For 7/24 - 7/30	
Plant Eff.	mg/L
Diemer	443
Weymouth	458
Skinner	397



Weekly composite estimated TDS measured from plant effluent composite samples collected Monday through Sunday and analyzed for hardness and electrical conductivity.

### MONTHLY COMPOSITE CALCULATED TDS FOR July 2022 - June 2023

TDS For Jun 2023	
Plant Eff.	mg/L
Diemer	260
Weymouth	276
Skinner	460
Jensen	350
Mills	185



Monthly calculated TDS calculated from plant effluent monthly composite sample for total anions and cations. These results are also used for Table D.

### FLOW WEIGHTED RAA TDS FOR July 2022 - June 2023

Flow-Weighted RAA TDS Jul 2022 - Jun 2023	
Plant	mg/L
Diemer	535
Weymouth	523
Skinner	608
Jensen	343
Mills	268



Seasonal flow-weighted RAA TDS calculated from plant effluent monthly composite sample for total anions and cations. Results are based on average monthly flows.

## **COLORADO RIVER ISSUES**

### **Work Continues on Post-2026 Guidelines Process and Lower Basin Plan as Part of the Revised Supplemental Environmental Impact Statement (EIS) for Short-Term Operations**

On June 16, the U.S. Bureau of Reclamation (Reclamation) initiated the process of developing the post-2026 Colorado River Guidelines. They laid out a schedule in which a Draft EIS would be prepared by the end of 2024, followed by a Final EIS and Record of Decision in time for the 2027 operating year. The initial step is to solicit scoping comments for the National Environmental Policy Act process. Reclamation has requested input on the scope, strategies, and other issues that should be considered in developing the EIS. In July, the Colorado River Basin States (Basin States) have been meeting to develop a seven-state scoping comment letter. The letter does not include negotiating positions but does include what actions should be analyzed in the EIS. Metropolitan staff participates in an interstate workgroup that is drafting the letter, which, if approved, would be signed by the Chair of the Colorado River Board of California and the principal representatives from each of the other Basin States. Metropolitan plans to send a separate set of scoping comments to focus on our agency's interest in the upcoming Guidelines. Comments are due August 15, and Metropolitan staff will share a copy of the comments with the Board when they are complete.

Work also continues developing the Lower Basin Plan to conserve an additional 3 million acre-feet of water above the existing shortage requirements. In July, Coachella Valley Water District (CVWD) executed a contract to conserve 105,000 acre-feet of water over the next three years, leaving the water in Lake Mead as system water. CVWD will receive funds under the Inflation Reduction Act (IRA) for water left in Lake Mead. Also in July, Imperial Irrigation District and the Fort Mojave Quechan Indian Tribe received draft water conservation contracts to conserve additional supplies. Palo Verde Irrigation District and Bard Water District are still waiting for their contracts. In July, Reclamation extended the deadline to submit longer-term conservation proposals for IRA funding, known as "Bucket 2 Projects," to August 18. Metropolitan staff is developing a proposal to submit to Reclamation and will incorporate feedback from the Board and member agencies in its final proposal. Metropolitan staff will share a copy of the submittal with the Board when completed.

## **DELTA CONVEYANCE ACTIVITIES AND STATE WATER PROJECT ISSUES**

### **Delta Conveyance**

The California Department of Water Resources (DWR) released a draft Environmental Impact Report (EIR) to comply with the California Environmental Quality Act for a public review that ended on December 16, 2022. DWR received more than 700 unique comment letters with over 6,000 individual comments. DWR is in the process of developing responses to the comments received. The Final EIR is expected at the end of 2023. It will include responses to all substantive comments on the Draft EIR and edits to the Draft EIR, as appropriate, to respond to the comments.

The U.S. Army Corps of Engineers (USACE), as part of its permitting review under the Clean Water Act and Rivers and Harbors Act, released a draft Environmental Impact Statement (EIS) to comply with the National Environmental Policy Act for a public review that ended on March 16, 2023. USACE is in the process of developing responses to the comments received.

### **Sites Reservoir**

At the joint Sites Project Authority (Authority) Board and Reservoir Committee Meeting on July 21, the Reservoir Committee and Authority Board authorized the Executive Director to submit a request for the Sites Reservoir Project to receive the Governor's certification as a Senate Bill 149-eligible infrastructure project. This request includes agreeing to pay the costs of the trial court and the court of appeal and preparing the record of proceedings. Requesting the Governor now is necessary because the Senate Bill 149 certification must occur before the approval of the Final EIR/EIS by the Authority, which is currently scheduled for certification in September 2023. If certified, any California Environmental Quality Act (CEQA) litigation would be expedited, with the goal of completing trial court and appellate proceedings within 270 days of filing the certified administrative record.

The Authority is required under the Joint Powers Agreement to have an annual audit performed. Fechter and Company, Certified Public Accountants, continues to be the Authority's auditor and has concluded an examination of the Authority's financial information, including fiscal year 2022. The 2022 financial audit, which included a single audit, found no significant or reportable findings. There were no recommended improvements for strengthening internal controls and operation efficiency identified in the 2022 report.

### **Science Activities**

Throughout July, Metropolitan science staff participated in the final presentations of multiple analyses covering Delta smelt entrainment, management of longfin smelt, and habitat actions related to the 2020 Incidental Take Permit (ITP) and 2019 Biological Opinions (BiOp). At the Delta Smelt Scoping Team on July 11, Metropolitan staff presented the final analysis of the Collaborative Adaptive Management Team (CAMT) Entrainment Studies. The analysis centered on evaluating estimates of proportional entrainment of adult Delta smelt in a lifecycle model. Although proportional entrainment could have influenced the population in the past, the analysis ultimately concluded that recent low entrainment was not likely to be significant to the population. The results suggest that the current entrainment management may be effective.

On July 20, at the Estuarine Ecology Team meeting, Metropolitan staff participated in the presentation of efforts by state and federal agencies to manage longfin smelt in the San Francisco Estuary. The presentations included updates on Priority Science Efforts as mandated by the 2020 ITP to operate the State Water Project. The presentation



highlights efforts to improve entrainment risk predictions, lifecycle modeling, and culturing efforts.

Metropolitan science staff continues to participate with state and federal agencies in developing the final analysis and presentations on the Summer Fall Habitat Actions from the 2019 BiOp/2020 ITP for independent review as part of the four-year review requirement from the permits. The analysis will include an evaluation of the North Delta Foodweb Subsidy, the Suisun Marsh Salinity Control Gate, and Fall X2. The analysis will be limited because of the limited times that each of these actions were implemented. It may be an update for the future panel to comment on future evaluations.

### **Delta Island Activities**

On July 11, Metropolitan's Board approved the purchase of the remaining flow meters in compliance with Senate Bill 88 (2016). Once this phase of meters is installed by the end of 2024, Metropolitan will have fulfilled its obligation under the approved "Plan for Phased Measurement Implementation" for each of its Delta Islands. Continuous data collection for water diversions will be important for annual water use reporting to the Water Resources Control Board.

Metropolitan staff is conducting final technical advisory meetings for the Delta Island Adaptations Project and developing concept-level adaptations recommendations for the draft/final "Outcomes" report for Bouldin Island. This phase of the project is looking at landscape opportunities to stop land subsidence, reduce greenhouse gas emissions, provide for sustainable agriculture, promote habitat restoration, and build collaboration for community science, agriculture, and ecoculture education through land use opportunities. The project team will begin drafting the "Outcomes" report, with a final report completed by the end of 2023. Future reports will inform the Board on input received and last adaptation opportunities (pilot/research projects) for Bouldin Island.

Following the Board's action to accept the \$20.9 million grant from the Delta Conservancy for the Webb Tract Mosaic Landscape Project (Project), Metropolitan staff is preparing a board action to be heard at the September 2023 Engineering, Operations, and Technology Committee meeting to amend the current biennial Capital Investment Plan to add the Project and award consultant agreements for design, environmental planning, and scientific analyses. Awarding these agreements and signing the finalized grant agreement with the Sacramento-San Joaquin Delta Conservancy will kick off Phase 1 of the Project. Metropolitan staff will return to the Board for approval of environmental documentation before proceeding with Phase 2.

## **PUBLIC/GOVERNMENT AFFAIRS**

### **MEMBER AGENCY SUPPORT**

#### **Public Affairs Staff:**

- Created and distributed Fall 2023 Bill Inserts for nine member agencies

#### **Government Affairs Staff:**

- Circulated the monthly grants tracking and acquisition report to member agencies
- Made various updates to the grants tracking project and contact lists
- Provided a letter of support to El Toro Water District for their grant application

### **COMMUNITY AND SPECIAL EVENTS**

#### **Public Affairs Staff:**

- Speakers Bureau – Coordinated a presentation for President Schneider for the Canyon Democratic Club meeting on Tuesday, August 15
- Continue to participate in the planning and coordination of the OC Water Summit
- Partnered with Save Our Water to co-host a booth at the OC Fair and provided rebate information and giveaways to visitors. An average of 45,000 people visit the OC Fair each day.
- Provided a booth for the Annual Festival of the Butterflies in San Juan Capistrano, interacted with 337 attendees
- Planned and coordinated the first Scouts BSA Soil and Water Conservation Merit Badge Clinic of the fiscal year with the Santa Margarita Water District, where 62 Orange County Scouts earned their badge
- Participated in Girl Scouts of Orange County STEM Roundtable
- Met with Girl Scouts of Orange County to plan and promote upcoming Girl Scouts Water Resources and Conservation Patch Program clinics
- Speakers Bureau – Attended a speaking engagement with Director Seckel at Leisure World on Wednesday, August 16.

#### **Government Affairs Staff:**

- Participated in the OCBC Governmental Affairs Committee meeting
- Attended the OCBC Infrastructure Committee meeting
- Attended the ACC-OC Legislative Reception featuring a panel discussion with Senators Min, Nguyen, and Archuletta and Assembly Members Sanchez, Dixon, Petrie-Norris, and Davies
- Along with Directors Dick and Crane, met with Supervisor Don Wagner, re: LAFCO
- Attended the Orange County Public Affairs Association Legislative Staffers lunch
- Attended the ACWA State Legislative Committee meeting

## **K-12 WATER EDUCATION**

### **Public Affairs Staff:**

- Met with Orange County teacher – named Irvine Teacher of the Year, Orange County Teacher of the Year, and top 10 for California Teacher of the Year – to discuss education opportunities for students and teachers
- Provided information regarding MWDOC Choice School Programs to Director Crane as well as the City of Santa Ana, East Orange County Water District, City of La Habra, City of Huntington Beach, City of Anaheim, and City of Westminster
- Provided information regarding MWDOC Water Education Initiatives to Centralia School Board member
- Met with MWDOC Choice School Program contractors – Shows That Teach and Orange County Department of Education's Inside the Outdoors – to prepare for the upcoming school year
- Sent shared Google Calendar information to participating MWDOC Choice School Program agencies – updated as soon as school visits are scheduled

## **WORKFORCE INITIATIVE**

### **Public Affairs Staff:**

- Photographed and video recorded the Municipal Water District of Orange County's Leak Detection crew to be used in promotional materials
- Met with San Diego County Office of Education to discuss opportunities to participate in the Water Energy Education Alliance

## **DIGITAL COMMUNICATIONS, PUBLICATIONS, AND MEDIA ENGAGEMENT**

### **Public Affairs Staff:**

- Prepared and distributed content for social media
- Submitted content to the Association of California Water Agencies newsroom
  - MWDOC's Water Education Mascot Inspires Budding Artists
- Updated the MWDOC website as requested by several departments
- Interviewed and video recorded Chapman University's Energy Conservation and Sustainability Manager on her experience with the MWDOC Turf Removal and Spray-to-Drip Rebate Programs

## **SPECIAL PROJECTS**

### **Public Affairs Staff:**

- Planned and coordinated an Inspection Trip for the Orange County Grand Jury with Directors Dick and Seckel to local infrastructure locations with 10 Grand Jury members in attendance

### **Governmental Affairs Staff:**

- Staffed the August WACO meeting
- Staffed the WACO Planning meeting
- Confirmed the speaker and coordinated details for the ISDOC Quarterly Luncheon meeting in September
- Confirmed speakers for the September WACO meeting

## **OUTREACH METRICS**

### **Public Affairs Staff:**

- Google Performance Analytics (August 2023)
  - 226 business profile interactions
  - 2,244 people viewed the business profile
- Website Analytics (GM report timeframe)
  - 11k pageviews
  - Top pages for this date range
    - MWDOC Homepage 1.9k
    - Turf Removal 1k
    - Residential Rebates 911
    - Board Meetings 400
    - Careers 389
- Social Media (August 3 – August 29)

According to Hootsuite – the global leader in social media management –a good engagement rate is between 1% to 5%.

For this period, MWDOC's engagement rate is at 19.70%

  - 43,375 Post reach (number of people)
  - 8,544 Post engagement (actions taken – likes, shares, etc.)

## **LEGISLATIVE AFFAIRS**

### **Governmental Affairs Staff:**

- Participated in the CSDA Legislative Committee meeting
- Met with staff from Congresswoman Michelle Steel's office and provided an update on federal priorities

- Met with staff from Congresswoman Katie Porter's office and provided an update on federal priorities
- Participated in the CCEEB Water, Chemistry, and Waste Project meeting
- Participated in the Southern California Water Coalition Legislative Task Force Committee meeting
- Met with Chris Palmer of CSDA to discuss their legislative priorities
- Participated in the ACWA Region 10 State Legislative Committee meeting prep call
- Attended the CSDA Conference in Monterey

## **WATER USE EFFICIENCY**

### **ALLIANCE FOR WATER EFFICIENCY (AWE) WATER EFFICIENCY RESEARCH COMMITTEE (WERC) MEETING**

On August 8, Rachel Waite participated in the AWE WERC meeting, which was attended by various agencies across the United States and Canada. Topics on the agenda included:

- Debrief from the 1st Annual Water Efficiency and Conservation Symposium
- Resource Library Update Project
- CalWEP Research Updates
- Evaluation Measurement & Verification study update
- Committee Member Research Activity Updates

The next meeting is scheduled for Tuesday October 10.

### **ORANGE COUNTY DATA ACQUISITION PARTNERSHIP (OCDAP) STEERING AND TECHNICAL ADVISORY COMMITTEE (STAC)**

On August 8, Rachel W. attended the OCDAP STAC. The working group collaborates on and organizes a regional effort to cost share the acquisition of high-resolution aerial imagery and related products. Topics on the agenda included:

- Consent Calendar
- Cycle 2 Deliverables Feedback
- Extension of Cycle 1 ConnectExplorer
- Discussion on Cycle 3 RFP and Membership Costs
- OCDAP Data Sharing/Efforts/Projects Underway and Cycle Derived Products
- OC GIS User Group Update

The next meeting is scheduled for September 12.

### **ORANGE COUNTY SANITATION DISTRICT TOUR**

On August 9, Water Use Efficiency and Water Loss Control staff attended a tour of the Orange County Sanitation District. Staff learned about the importance of wastewater treatment in protecting public health and the environment.

## **ALISO CREEK WATERSHED FUNDING WORKSHOP**

On August 9, Rachel W. joined the Aliso Creek Watershed Funding Workshop as a panelist. The Workshop goal was to highlight funding opportunities relevant to the Collaboration group, gain insights from seasoned funding collaborators on how to secure funding, enhance the Collaboration Group framework to support funding collaboration during future meetings, and foster collaboration around potential funding opportunities.

## **METROPOLITAN WATER USE EFFICIENCY WORKGROUP**

On August 17, Joe Berg, Rachel Davis, Rachel W., Beth Fahl, Sam Fetter, and Tina Fann attended the Metropolitan Water Use Efficiency Workgroup meeting. Items on the agenda included:

- MWD Board Meeting Updates
- External Affairs Update
- MWD Conservation Program Updates
  - One Water Awards
  - Member Agency Administered Program
- Alliance for Water Efficiency Symposium Recap
- Member Agency Roundtable

The next meeting is scheduled for September 21.

## **DROPLET ONBOARDING**

On August 21-22, Tina, Rachel W., Sam, and Beth met with staff from Droplet Technologies, the vendor for the Turf Removal Rebate Program and Spray-to-Drip Rebate Program website. Droplet Technologies is transitioning the website to a new platform to improve user experience. The team reviewed current program configurations and discussed what changes needed to be made. A second meeting at a date to be determined will be held to discuss additional features of the new website.

## **PROJECT AGREEMENT (PA) 22 ADVISORY WORKGROUP**

On August 21, Rachel W. joined the PA 22 Advisory Workgroup, hosted by the Santa Ana Watershed Project Authority. Topics on the agenda included:

- Prop 1 Enhanced Decision Support Tool Update
- SARCCUP Water Budget Assistance

The next meeting is scheduled for September 18.



## **ORANGE COUNTY WATER DISTRICT (OCWD) GROUND WATER REPLENISHMENT SYSTEM (GWRS) TOUR**

On August 23, Water Use Efficiency and Water Loss Control staff attended a tour of OCWD's GWRS. Staff learned about the role that the GWRS plays for potable water in Orange County and the processes that are needed to achieve it.

## **DEDICATED IRRIGATION METER (DIM) LANDSCAPE AREA MEASUREMENTS (LAM) PROGRAM**

On August 29 Rachel W. met with staff from City of Tustin and project consultant NV5, to discuss the review of special landscapes areas (SLA) identified as part of the DIM LAM Program.

On August 30, an SLA meeting took place with staff from Trabuco Canyon Water District and NV5. On September 11, an SLA meeting took place with staff from South Coast Water District and NV5.

Follow-up meetings will continue as needed.

## **CALIFORNIA WATER EFFICIENCY PARTNERSHIP (CALWEP) FALL PLENARY MEETING**

On August 31, Joe attended the CalWEP Fall Plenary meeting, with Beth, Rachel W., Sam, and Tina participating via Zoom. Agenda items included:

- Welcome and Opening Remarks
- Host Presentation
- CalWEP Updates
- What's New at the Alliance
- Member Spotlight: InPipe Energy
- Water Efficiency's Role in Meeting CA's Climate Goals
- Save Our Water Updates
- USBR: Standard Criteria for Water Management Plans
- DWR and SWRCB Joint Presentation: Reporting Requirements for Making Conservation a Way of Life
- Workshops

The Winter Plenary is scheduled for December 13.

## **ACWA Water Use Efficiency Working Group Meeting: Methodologies and Variances**

On September 5, Joe and Sam joined the ACWA Water Use Efficiency working group focused on the Conservation Framework methodologies and variances. Discussion focused on the newly released standards proposed by the State Water Resources

Control Board. A collaborative effort was made to understand nuances in the proposed regulations and strategize on a coordinated effort to submit comments.

Meetings are scheduled weekly, as needed.

### **METROPOLITAN WATER USE EFFICIENCY (WUE) PROGRAM ADVISORY COMMITTEE (PAC)**

On September 6, Rachel W. and Beth joined the Metropolitan WUE PAC. Topics on the agenda included:

- Multi-Family Flow Monitoring and Leak Detection Devices
- Member Agency Administered Program Flex Funding Category
- Devices/Technologies Roundtable
  - Flow Sensors
  - Master Valves
  - Residential Pressure Regulation

The next meeting is tentatively scheduled for December 6.

### **ACWA WATER USE EFFICIENCY WORKGROUP MEETING: OUTDOOR STANDARD**

On September 6 and 11, Rachel W. attended the ACWA Water Use Efficiency working group focused on the Conservation Framework outdoor standard. Discussion focused on the newly released standards proposed by the State Water Resources Control Board. A collaborative effort was made to understand nuances in the proposed regulations and strategize on a coordinated effort to submit comments.

Meetings are scheduled weekly, as needed.

## LOCAL AGENCY FORMATION COMMISSION OF ORANGE COUNTY

### REGULAR MEETING AGENDA

Wednesday, September 13, 2023  
8:15 a.m.

County Administrative North (CAN)  
First Floor Multipurpose Room 101  
400 W. Civic Center Drive, Santa Ana, CA 92701

*Any member of the public may request to speak on any agenda item at the time the Commission is considering the item.*

1. CALL THE MEETING TO ORDER
2. PLEDGE OF ALLEGIANCE
3. ROLL CALL
4. ANNOUNCEMENT OF SUPPLEMENTAL COMMUNICATION  
(Communications received after agenda distribution for agendized items.)
5. PUBLIC COMMENT

This is an opportunity for members of the public to address the Commission on items, not on the agenda, provided that the subject matter is within the jurisdiction of the Commission and that no action may be taken by the Commission on off-agenda items unless authorized by law.

#### 6. CONSENT CALENDAR

##### a.) August 9, 2023 – Regular Commission Meeting Minutes

The Commission will consider approval of the August 9, 2023 meeting minutes.

##### b.) Legislative Report (September 2023)

The Commission will receive an update on the current legislation of LAFCO interest and an overview of proposed legislative efforts currently being proposed by the California Association of Local Agency Formation Commissions for the 2024 legislative session.

**c.) Revised OC LAFCO 2023 Meeting and Events Calendar**

The Commission will consider amending the 2023 Meeting and Events Calendar to observe California Native American Day on September 22, 2023.

**7. PUBLIC HEARING**

No public hearing items are scheduled.

**8. COMMISSION DISCUSSION AND ACTION**

**a.) Policy and Guidelines for Conducting Protest Hearings**

The Commission will consider proposed amendments to the agency's policy and guidelines for conducting protest hearings to align with State law.

**b.) Second Amendment to Professional Services Agreement with Berkson and Associates**

The Commission will consider approval of an amendment to the professional services agreement with Berkson Associates for continued consulting services.

**9. COMMISSIONER COMMENTS**

This is an opportunity for Commissioners to comment on issues not listed on the agenda, provided that the subject matter is within the jurisdiction of the Commission. No discussion or action may occur or be taken except to place the item on a future agenda if approved by the Commission majority.

**10. EXECUTIVE OFFICER'S REPORT**

Executive Officer's announcement of upcoming events and brief report on activities of the Executive Officer since the last meeting.

**11. INFORMATIONAL ITEMS & ANNOUNCEMENTS**

No informational items and announcements are scheduled.

**12. CLOSED SESSION**

**a.) PUBLIC EMPLOYEE PERFORMANCE EVALUATION**

Pursuant to Government Code section 54957

Title: Executive Officer

**b.) CONFERENCE WITH LABOR NEGOTIATORS**

Pursuant to Government Code Section 54957.6

Agency designated representative: Commission Chair

Unrepresented employee: Executive Officer

### 13. ADJOURNMENT OF REGULAR COMMISSION MEETING

The next Regular Commission Meeting will be held on Wednesday, October 11, 2023, at 8:15 a.m. at the County Administrative North (CAN), First Floor Multipurpose Room 101, 400 W. Civic Center Drive, Santa Ana, CA 92701.

#### PUBLIC PARTICIPATION:

The Local Agency Formation Commission of Orange County welcomes your participation. The public may share general comments or comments on agenda items through the following options:

- 1) **In-person** comments may be provided during the general comment period on off-agenda items and during the hearing of a specific agenda item. In accordance with the OC LAFCO guidelines, each speaker's comments may not exceed three (3) minutes for the respective item. If you have documents for the Commission, please bring 15 copies and submit to the Commission Clerk for distribution.
- 2) **Written** general comments or comments on specific agenda items may be submitted by email to the Commission Clerk at [ccarter-benjamin@oclafco.org](mailto:ccarter-benjamin@oclafco.org). Comments received no less than twenty-four (24) hours prior to the regular meeting will be distributed to the Commission and included in the record.

Pursuant to Government Code Section 54957.5, public records that relate to open session agenda items that are distributed to a majority of the Commission less than seventy-two (72) hours prior to the meeting will be made available to the public on the OC LAFCO website at [www.oclafco.org](http://www.oclafco.org).

State law requires that a participant in an OC LAFCO proceeding who has a financial interest in a decision and who has made a campaign contribution of more than \$250 to any commissioner in the past year must disclose the contribution. If you are affected, please notify the Commission's staff before the hearing.

#### AMERICANS WITH DISABILITIES ACT (ADA)

All regular meeting agendas and associated reports are available at [www.oclafco.org](http://www.oclafco.org). Any person with a disability under the Americans with Disabilities Act (ADA) may receive a copy of the agenda or associated reports upon request. Any person with a disability covered under the ADA may also request a disability-related modification or accommodation, including auxiliary aids or services, to participate in a public meeting. Requests for copies of meeting documents and accommodations shall be made with OC LAFCO staff at (714) 640-5100 at least three business days prior to the respective meeting.



## Executive Committee Meeting

Tuesday, September 5, 2023

7:30 a.m.

### Mailing Address

P.O. Box 20895  
Fountain Valley, CA 92728

The next meeting of the ISDOC Executive Committee will be via teleconference only.  
The MWDOC/OCWD offices are closed to the public. Please use the information below to access the meeting.

### Meeting Location

MWDOC/OCWD  
18700 Ward Street  
Fountain Valley, CA 92708

Join Zoom Meeting

<https://us06web.zoom.us/j/3840960436>

(714) 963-3058  
(714) 964-5930 fax

<https://isdoc.specialdistrict.org/>

Dial by your location  
669 900 9128 US (San Jose)  
877 853 5247 US Toll-free  
888 788 0099 US Toll-free

### Executive Committee

**President**  
**Hon. Greg Mills**  
*Serrano Water District*

**1<sup>st</sup> Vice President**  
**Hon. Bob McVicker**  
*Municipal Water District  
Orange County*

**2<sup>nd</sup> Vice President**  
**Hon. Paul Mesmer**  
*Surfside Colony Community  
Services District*

**3<sup>rd</sup> Vice President**  
**Hon. Scott Nelson**  
*Placentia Library District*

**Secretary**  
*Vacant*

**Treasurer**  
**Hon. Sandra Jacobs**  
*Santa Margarita Water District*

**Immediate Past President**  
**Hon. Mark Monin**  
*El Toro Water District*

### Staff Administration

**Heather Baez**  
*Municipal Water District of Orange  
County*

**Tina Dubuque**  
*Municipal Water District of Orange  
County*

## AGENDA

### **I. Welcome, Introductions**

[Please mute yourself when not speaking. Please raise hand on Zoom if you have a question or comment.]

### **II. Approval of Minutes**

- Approval of August 1, 2023

### **III. Public Comments on items not on the agenda**

### **IV. New Business**

- Secretary – Vacation Position
- Amendment to Bylaws

### **V. Old Business**

- Website Ad-Hoc Committee Update
- Members' Dues Ad-Hoc Committee Update

### **VI. Treasurer's Report – Director Jacobs**

- Report of accounts

### **VII. CSDA Report – Director Schafer or Chris Palmer**

- Chapter Roundtable on 8/28 at CSDA Annual Conference
- Receive, discuss and file the CSDA Report

### **VIII. LAFCO Report – Director Fisler**

- Receive, discuss and file the LAFCO report

**IX. ACWA Report – Director Jacobs**

- Receive, discuss and file the ACWA report

**X. OCCOG Report – Director Scheafer**

- Receive, discuss and file OCCOG report

**XI. California Association of Sanitation Agencies (CASA) Report – OCSD Representative**

- Receive, discuss and file the CASA report

**XII. Subcommittee Reports**

- Programs – Director McVicker
- Membership - Director Mesmer
- Legislative – Trustee Nelson

**XIII. Adjourn**





**Executive Committee Meeting  
(Virtual Meeting via Zoom)  
Tuesday, August 1, 2023, 7:30 a.m.**

**MEETING MINUTES**

**I. WELCOME:**

President Greg Mills called the meeting to order at 7:30 a.m. and welcomed all.

**DIRECTORS PRESENT:**

Greg Mills	President	Serrano Water District (SWD)
Bob McVicker	1 <sup>st</sup> Vice President	Municipal Water District of Orange County (MWDOC)
Paul Mesmer	2nd Vice President	Surfside Colony Community Services District
Scott Nelson	3 <sup>rd</sup> Vice President	Placentia Library District
Vacant	Secretary	
Saundra F. Jacobs	Treasurer	Santa Margarita Water District (SMWD)
Mark Monin	Immediate Past President	El Toro Water District (ETWD)

**DIRECTORS ABSENT:**

None

**SUPPORT STAFF PRESENT:**

Heather Baez	MWDOC
Tina Dubuque	MWDOC
Sharon Brimer	Recording Secretary

**OTHERS PRESENT:**

Arlene Schafer	Costa Mesa Sanitary District (CMSD)
Brent Ives	BHI Management Consulting
Gavin Centeno	Orange County Local Agency Formation Commission (OC LAFCO)
Jeanette Contreras	Placentia Library District
Jerry Legg	Five Star Bank
Jim Fisler	Mesa Water District (MWD)
John Withers	Irvine Ranch Water District (IRWD)
Larry Dick	MWDOC
Mike Gaskins	ETWD
Mike Scheafer	CMSD
Randall Crane	MWDOC
Stacy Taylor	MWD
Stephen Faessel	Orange County Sanitation District (OCSD)

**II. MEETING MINUTES:**

**MOTION:**

Motion by Director Jacobs, second Director McVicker, to approve the meeting minutes of July 11, 2023, Executive Committee Meeting. The motion passed unanimously.

**III. PUBLIC COMMENTS:**

None

**IV. NEW BUSINESS:**

- Orange County Council of Governments (OCCOG) Annual Dues Increase

A discussion ensued on the dues increase for OCCOG membership. ISDOC was billed \$1,000. It was noted that as a non-member, ISDOC members could attend meetings, monitor activity, and write letters but would not be able to vote. Director Scheafer offered to contact OCCOG Executive Director Marnie O'Brien Primmer with questions. Additionally, Ms. Primmer will be invited to speak at the next Executive Committee meeting. The item will be returned to the next meeting to answer the question of benefits with membership and value to ISDOC as a non-member.

- Associate Members Fee Discussion

Director Mesmer reported on past dues structure and projected expenses as developed by the ad-hoc Committee. The ad-hoc Committee comprises Director Mesmer, Director Monin, and Trustee Nelson.

A discussion ensued regarding the potential to reinstate ISDOC dues for members and begin charging dues for associate members starting in 2024.

Director Jacobs noted that as an unincorporated association, under the California Corporations Code, ISDOC does not file a tax return with the IRS. She noted there is a \$5,000 bank balance limit.

Director Fisler reviewed ISDOC's history. At one point, the group had discussed filing for nonprofit status, but that step was not taken.

Mr. Legg discussed the need for value-added statements for associate members in order to charge an associate membership fee.

With its current organizational structure, Heather Baez reported that ISDOC cannot have more than \$5,000 in revenue in a calendar year.

The issue of an ISDOC dues structure was returned to the ad-hoc Committee for additional information and recommendations.

- In-person event 2024 for Associate Members and their companies.

A discussion ensued regarding in-person meetings.

Director McVicker noted that the September speaker asked for an in-person meeting.

Director Monin suggested:

- Virtual meetings for the monthly Executive Committee meetings.
- One in-person quarterly meeting a year.
- Virtual meetings for other quarterly meetings.

By consensus, the Committee will take the issue of meeting format with each quarterly meeting.

**V. OLD BUSINESS:**

- Website Maintenance Recommendations – Website Committee

President Mills noted the Website Committee submitted recommendations to the Executive Committee regarding an independent ISDOC website. A discussion ensued.

Director Mesmer reviewed projected costs for a goal to launch in January 2024.

- Annual URL Registration \$20 (no charge for CSDA affiliate chapter)
- Annual Hosting Services \$2,000 (no charge for CSDA affiliate chapter)
- One-time data migration \$900
- Annual site updates \$3,600 (\$1,560 in-kind cost absorbed by Placentia Library District)

Trustee Nelson acknowledged Library Director Jeanette Contreras and Councilmember Yamaguchi for their work supporting the in-kind service for ISDOC.

A recommendation offered for consideration was to include payment transactions on the website.

**MOTION:**

Motion by Director Mesmer, second Director Schafer, to accept the Website ad-hoc Committee's recommendation to use Streamline for web hosting services and to proceed with the implementation as presented. The motion passed unanimously.

**VI. TREASURER'S REPORT – DIRECTOR JACOBS**

Director Jacobs reported the July 31, 2023, bank balance was \$9,301.09. There was one expense for Recording Secretary Services. The OCCOG dues statement was not paid.

She offered there were no CSDA scholarship applications.

**VII. CALIFORNIA SPECIAL DISTRICTS ASSOCIATION (CSDA) REPORT – DIRECTOR SCHAFER**

Director Schafer reported CSDA is focusing on the Monterey conference. She announced she was re-elected and thanked those who voted for her. The current CSDA membership is 1,667.

She noted that CSDA supports AB 557 (Hart) Emergency Remote Meetings and is asking for letters of support. Refer to the CSDA website for information.

**VIII. LAFCO REPORT – DIRECTOR FISLER:**

Director Fislser reported the next meeting was scheduled for August 9, 2023.

On the upcoming agenda:

- Legislative Report
- Fiscal Year 2022-2023 Year-End Comprehensive Report
- Limited English Proficiency Services (LEP) Policy
- Two public hearings are scheduled on Municipal Service Review (MSR) - Sphere of Influence Reviews for the Western and Southwest Regions.

**IX. ACWA REPORT – DIRECTOR JACOBS:**

Director Jacobs reported:

- Cathy Green, Director of Orange County Water District, is running for ACWA President.
- Ernesto A. Avila, Director of Contra Costa Water District, is running for ACWA Vice President.
- Michael Saunders, Georgetown Divide Public Utility District, is running for ACWA Vice President.
- Region 10- ballots are out. The Nominating Committee recommended the following slate:
  - Chair Dana Frieauf, Santa Fe Irrigation District
  - Vice Chair Charles Gibson, Director of Santa Margarita Water District
  - Board members: Maurice DePasquale, Mesa Water District; George A. Murdock, East Orange County Water District; Debbie Neev, Laguna Beach County Water District; Jose Martinez, Otay Water District and Jennifer DeMeo, Fallbrook Public Utilities District.
- Ballots were distributed on July 17, 2023. Due September 15, 2023.
- ACWA Committee members must reapply to stay on a committee or change to a different one. Applications are due September 30, 2023.
- ACWA Paving Standards Working Group is working to address paving standards.
- ACWA Communications Committee is investigating partnerships with Urban and Ag agencies.
- The ACWA Fall Conference is November 28 - 30, 2023, in Indian Wells, CA.

**X. ORANGE COUNTY COUNCIL OF GOVERNMENTS (OCCOG) REPORT – DIRECTOR SCHEAFER:**

Director Scheafer reported OCCOG was dark in July.

The OCCOG lawsuit against the Southern California Association of Governments (SCAG) housing needs assessment was addressed by the Court, and it ruled that the Department of Housing and Community Development methods were appropriate.

Mr. Scheafer offered a correction to the previous ISDOC Minutes. The Costa Mesa Sanitary District Citizens Advisory Committee is discussing term limits. The Costa Mesa Sanitary District is not discussing this issue, as a Board of Directors cannot initiate term limits. Voters of the jurisdiction make that decision. There is one northern California special district that currently has term limits.

Director Fisler corrected a statement made in the last set of ISDOC meeting minutes relative to OC LAFCO and district visits. He noted that he and OC LAFCO Chair Davert visit independent special districts annually and usually visit 23 to 24.

**XI. CALIFORNIA ASSOCIATION OF SANITATION AGENCIES (CASA) REPORT: - OCSD REPRESENTATIVE**

No report for this meeting. Director Jacobs recommended a CASA report every other month.

**XII. SUBCOMMITTEE REPORTS:**

- Programs – Director McVicker

Director McVicker reported the next quarterly meeting is September 28, 2023, and the program speaker will be Orange County Transportation Authority CEO, Darrell Johnson. The meeting will be in-person at the MWDOC/OCWD facility in Fountain Valley.

The Member and Associate Member Spotlights have not been determined.

- Membership – Director Mesmer

Director Mesmer reported invitations were sent to potential associate members. Two companies responded in the affirmative: AQUATRAX (Water Tracking Solution) and Tripepi Smith (Marketing, Technology, and Public Affairs).

**MOTION:**

Motion by Director Mesmer, second Director Schafer, to approve associate memberships for AQUATRAX and Tripepi Smith. The motion passed unanimously.

- Legislative Update – Trustee Nelson.

Trustee Nelson reported on the following legislation:

- Ballot Initiative 21-0042A1 9 (AKA 1935) "Taxpayer Protection and Government Accountability Act" – sponsored by California Business Roundtable. This initiative has qualified for the ballot. It limits the ability of the state and local governments to enact, modify, or expand taxes, assessments, fees, and property-related charges. If passed, public agencies could face a drastic rise in litigation that could severely restrict their ability to meet essential services and infrastructure needs and the ability of voters to raise revenues. It would affect State, County, and Special Districts. It would be retroactive to January 2021. CSDA opposes this initiative and asks special districts to voice their opposition.

A draft letter will be provided to members and associate members.

Next meeting to address the vacant position of Secretary and any amendments to the bylaws

**XIII. ADJOURN:**

President Mills thanked the attendees and staff for their participation and assistance. The meeting was adjourned at 9:15 a.m.

ISDOC Executive Committee Meeting of August 1, 2023

The next ISDOC Executive Committee meeting is scheduled for Tuesday, September 5, 2023, at 7:30 a.m. via Zoom.

The next Quarterly Meeting is September 28, 2023, at 11:30 a.m., and it is in-person.

Signed: \_\_\_\_\_

A handwritten signature in black ink, appearing to read "Greg Mills", is positioned above a horizontal line.

ISDOC President, Greg Mills



## Virtual Water Advisory Committee of Orange County (WACO) Meeting

Friday, September 8, 2023  
7:30 a.m. – 9:00 a.m.

### Registration:

<https://ocwd.zoom.us/join/9tZAtcOGtqzguEtFCIxHfJ9OnVnHF7M0eltn>

### Officers

**Chair**  
**Hon. Mark Monin**  
*El Toro Water District*

**Vice Chair**  
**Hon. Greg Mills**  
*Serrano Water District*

### Staff Contacts

**Medha Paliwal / Dani Berch**  
*Orange County Water District (OCWD)*  
(714) 378-3200  
[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)

**Heather Baez / Christina Hernandez**  
*Municipal Water District of Orange County (MWDOC)*  
(714) 963-3058  
[www.mwdoc.com/waco](http://www.mwdoc.com/waco)

### AGENDA

#### 1. Welcome & Announcements

- Mark Monin, El Toro Water District

#### 2. Presentation of Certification of Appreciation for Jose Vergara, El Toro Water District

#### 3. Reports

- Water Emergency Response of Orange County (WEROC) – Vicki Osborn, MWDOC
- Metropolitan Water District of Southern California (MET) – Linda Ackerman, MWDOC
- California Special Districts Association (CSDA) – Chris Palmer, CSDA
- Association of California Water Agencies (ACWA) – Cathy Green, OCWD

#### 4. Program

Are Local Water/Wastewater Infrastructure Ready For the Big One?

#### Speakers:

Annde Ewertsen, Executive Director, Alfred E. Alquist Seismic Safety Commission

Karl Kuebitz, P.E., Engineering Manager, Brady Engineering

#### 5. Adjourn

#### ***Next WACO Meeting***

Friday, October 6, 2023 at 7:30 a.m. via Zoom

#### ***Next WACO Planning Committee Meeting***

Tuesday, September 19, 2023 at 7:30 a.m. via Zoom





**WACO Planning Committee**  
**Tuesday, September 19, 2023 at 7:30 A.M.**

**Join Zoom Meeting:** <https://zoom.us/j/92882659982>  
**Meeting ID: 928 8265 9982**  
**Phone Audio: 669-900-9128**

**AGENDA**

**WELCOME**

**ACTION ITEMS**

**Mailing Address**

P.O. Box 20895  
Fountain Valley, CA 92728

**Meeting Location**

Virtual - Zoom

(714) 378-8232  
(714) 963-0291 fax

[www.mwdoc.com/waco](http://www.mwdoc.com/waco)  
[www.ocwd.com/news-events/events/waco](http://www.ocwd.com/news-events/events/waco)

**Officers**

**Chair**

**Hon. Mark Monin**  
*El Toro Water District*

**Vice Chair**

**Hon. Greg Mills**  
*Serrano Water District*

**Staff Contacts:**

**Medha Paliwal/Dani Berch**  
*Orange County Water District*






**Heather Baez/Christina Hernandez**  
*Municipal Water District of Orange County*

***Stay connected with OCWD and MWDOC***

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 OCWaterDistrict  
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 Municipal Water District of Orange County

1. October 6, 2023 WACO Meeting
  - Reports: WEROC, MET, ACWA
  - Program: Airborn Electromagnetic Survey to Facilitate Groundwater Storage
  - Speaker: Professor Rosemary Knight, Stanford University
2. November 3, 2023 WACO Meeting
  - Reports: WEROC, MET, ACWA
  - Program: OC San's Supercritical Water Oxidation Pilot Project
  - Speaker: Rob Thompson, P.E., General Manager, Orange County Sanitation District
3. December 8, 2023 WACO Meeting (*2<sup>nd</sup> Friday of the month*)
  - Reports: WEROC, MET, ACWA
  - Program: TBD

**DISCUSSION ITEMS**

1. Discuss potential topics for future meetings:
  - Hawaii Case Study: What Happened and How Do We Avoid it Here?
  - Colorado River – possible speakers:
    - JB Hamby, IID Vice President and Chairman, Colorado River Board of California (IID/Salton Sea/Colorado River)
    - Deven Uphadhyay, Assistant General Manager and Chief Operating Officer, MET
  - Tulare Lake/San Joaquin Valley/State Water Project/Storage – possible speakers:
    - Tulare Lake Basin Water Storage District - Jacob Westra, General Manager
    - Tulare Irrigation District
    - Randy Fiorini (farming perspective)
    - Jason Phillips, CEO, Friant Water Authority
  - Statewide snowmelt: How much was captured and how much went to the ocean
  - Weather issues: El Nino, hotter temperatures, mega floods – possible speakers:
    - Daniel Swain, UCLA Climate Scientist
    - Jay Lund, CALVIN Model
  - Media training/crisis communications
  - LAFCO situation in San Diego – what happened, where did it end up
  - Electrification, advanced car fleets, air quality
  - Desal in CA: Present & Future – CalDesal Executive Director Glenn Farrel
  - Global Warming: Natural or Manmade? w/ speaker Roy Spencer, Ph.D., Climatologist, Author & Former NASA Scientist (can also speak to related topics such as Urbanizations Effects on Temperatures and Colorado River shortages)
  - San Joaquin Blueprint update on looking at the Delta via subsurface diversions
  - Updating California Water Laws to Address Drought and Climate Change w/ Holly Doremus, Professor of Law, Berkeley
2. Discussion of September 8 meeting: Are Local Water/Wastewater Infrastructure Ready For the Big One?

**INFORMATIONAL ITEMS**

1. WACO meetings: Zoom meeting ID and meeting link change monthly
2. Planning meetings: Zoom link is the same every month
3. Meeting materials are posted at: <https://www.mwdoc.com/waco/>

**ADJOURN**

## **DATES TO REMEMBER**

### **SEPTEMBER/OCTOBER 2023**

1. Sept 28 – 11:30 a.m. – ISDOC Quarterly Meeting
2. Sept 28 – 12 noon – South County Agencies Meeting (ETWD)
3. Sept 29 – 12 noon – Pres/VP/GM Meeting
4. Oct 2 – 8:30 a.m. – MWDOC Planning/Operations
5. Oct 3 – 7:30 a.m. – ISDOC Executive Committee
6. Oct 3 – 10:00 a.m. – RRC Meeting
7. Oct 4 – 8:30 a.m. – MWDOC/MET Directors Workshop
8. Oct 5 – 8:30 a.m. – SOCWA Board Meeting
9. Oct 6 – 7:30 a.m. – WACO
10. Oct 6 – DISTRICT OFFICE CLOSED
11. Oct 11 – 8:15 a.m. – LAFCO
12. Oct 11 – 8:30 a.m. – MWDOC Admin/Finance Committee
13. Oct 12 – 8:30 a.m. – SOCWA Engineering Committee
14. Oct 13 – 7:30 a.m. – OC Water Summit (Westin, Costa Mesa)
15. Oct 13 – 12 noon – Pres/VP/GM Meeting
16. Oct 16 – 11:00 a.m. – Agenda Review
17. Oct 17 – 7:30 a.m. – WACO Planning Committee
18. Oct 17 – 10:30 a.m. – SOCWA Finance Committee
19. Oct 18 – 8:30 a.m. – MWDOC Board Meeting
20. Oct 20 – DISTRICT OFFICE CLOSED
21. Oct 23 – 7:30 a.m. – Regular Engineering/Finance Committee Meeting

- 22. Oct 25 – 8:30 a.m. – MWDOC/OCWD Joint Meeting
- 23. Oct 26 – 7:30 a.m. – Regular ETWD Board Meeting
- 24. Oct 27 – 12 noon – Pres/VP/GM Meeting

# EL TORO WATER DISTRICT

## Glossary of Water Terms

**Accumulated overdraft:** The amount of water necessary to be replaced in the intake area of the groundwater basin to prevent the landward movement of ocean water into the fresh groundwater body.

**Acre-foot, AF:** A common water industry unit of measurement. An acre-foot is 325,851 gallons, or the amount of water needed to cover one acre with water one foot deep. An acre-foot serves annual needs of two typical California families.

**ACWA:** Association of California Water Agencies.  
A statewide group based in Sacramento that actively lobbies State and Federal Government on water issues.

**Advanced treatment:** Additional treatment processes used to clean wastewater even further following primary and secondary treatment. Also known as tertiary treatment.

**AFY:** Acre-foot per year.

**Alluvium:** A stratified bed of sand, gravel, silt, and clay deposited by flowing water.

**AMP:** Allen McCulloch pipeline.

Major pipeline transporting treated water to water districts between Yorba Linda, where it starts to El Toro Water District reservoir, where it terminates.

**Annexation:** The inclusion of land within a government agency's jurisdiction.

**Annual overdraft:** The quantity by which the production of water from the groundwater supplies during the water year exceeds the natural replenishment of such groundwater supplies during the same water year.

**Aqueduct:** A man-made canal or pipeline used to transport water.

**Aquifer:** An underground geologic formation of rock, soil or sediment that is naturally saturated with water; an aquifer stores groundwater.

**Arid:** Dry; deserts are arid places. Semi-arid places are almost as dry as a desert.

**Artesian:** An aquifer in which the water is under sufficient pressure to cause it to rise above the bottom of the overlying confining bed, if the opportunity is provided.

**Artificial recharge:** The addition of surface water to a groundwater reservoir by human activity, such as putting surface water into recharge basins. (See also: groundwater recharge and recharge basin.)

**AWWA** American Water Works Association  
Nationwide group of public and private water purveyors and related industrial suppliers.

**Base flow:** The portion of river surface flow which remains after deduction of storm flow and/or purchased imported water.

**Bay-Delta:** The Sacramento-San Joaquin Bay-Delta is a unique natural resource of local, state and national significance. The Delta is home to more than 500,000 people; contains 500,000 acres of agriculture; provides habitat for 700 native plant and animal species; provides water for more than 25 million Californians and 3 million acres of agriculture; is traversed by energy, communications and transportation facilities vital to the economic health of California; and supports a \$400 billion economy.

**BIA:** Building Industry Association.

**Biofouling:** The formation of bacterial film (biofilm) on fragile reverse osmosis membrane surfaces.

**Biosolids:** Solid organic matter recovered from a sewage treatment process and used especially as fertilizer.

**BMP:** Best Management Practice. An engineered structure or management activity, or combination of these, that eliminates or reduces adverse environmental effects.

**Brackish water:** A mixture of freshwater and saltwater.

**Brown Act:** Ralph M. Brown Act enacted by the State legislature governing all meetings of legislative bodies. Also known as the Open Meeting requirements.

**Canal:** A ditch used to move water from one location to another.

**CASA:** California Association of Sanitation Agencies The sanitation equivalent of ACWA concerned solely with issues affecting the treatment and disposal of solid waste and wastewater.

**CEQA:** California Environmental Quality Act.

**CERCLA:** Comprehensive Environmental Response, Compensation and Liability Act. This federal law establishes the Superfund program for hazardous waste sites. It provides the legal basis for the United States EPA to regulate and clean up hazardous waste sites, and if appropriate, to seek financial compensation from entities responsible for the site.

**CFS:** Cubic feet per second.

**Chloramines:** A mixture of ammonia and chlorine used to purify water.

**Clarify:** To make clear or pure by separation and elimination of suspended solid material.

**Coagulation:** The clumping together of solids so they can more easily be settled out or filtered out of water. A chemical called aluminum sulfate (alum) is generally used to aid coagulation in water treatment and reclamation.

**Coastkeepers:** A non-profit organization dedicated to the protection and preservation of the marine habitats and watersheds of Orange County through programs of education, restoration, enforcement and advocacy.

**Colored water:** Groundwater extracted from the basin that is unsuitable for domestic use without treatment due to high color and odor exceeding drinking water standards.

**Condensation:** The process of water vapor (gas) changing into liquid water. An example of condensation can be seen in the tiny water droplets that form on the outside of a glass of iced tea as warmer air touches the cooler glass.

**Confined aquifer:** An aquifer that is bound above and below by dense layers of rock and contains water under pressure.

**Conjunctive use:** Storing imported water in a local aquifer, in conjunction with groundwater, for later retrieval and use.

**Contaminate:** To make unclean or impure by the addition of harmful substances.

**CPCFA:** California Pollution Control Financing Authority. State agency providing funds for wastewater reclamation projects.

**Crisis:**

1. **a:** The turning point for better or worse **b:** a paroxysmal attack of pain, distress, or disordered function **c:** an emotionally significant event or radical change of status in a person's life <a midlife crisis>
2. The decisive moment (as in a literary plot)
3. **a:** An unstable or crucial time or state of affairs in which a decisive change is impending; *especially* : one with the distinct possibility of a highly undesirable outcome <a financial crisis> **b:** a situation that has reached a critical phase

**CTP** Coastal Treatment Plant

**CWPCA** California Water Pollution Control Association. A 7000 member non-profit educational organization dedicated to water pollution control.

**Dam:** A barrier built across a river or stream to hold water.

**Decompose:** To separate into simpler compounds, substances or elements.

**Deep percolation:** The percolation of surface water through the ground beyond the lower limit of the root zone of plants into a groundwater aquifer.

**Degraded water:** Water within the groundwater basin that, in one characteristic or another, does not meet primary drinking water standards.

**Delta:** Where the rivers empty; an outlet from land to ocean, also where the rivers deposit sediment they carry forming landforms.



**Delta Vision:** Delta Vision is intended to identify a strategy for managing the Sacramento-San Joaquin Delta as a sustainable ecosystem that would continue to support environmental and economic functions that are critical to the people of California.

**Demineralize:** To reduce the concentrations of minerals from water by ion exchange, distillation, electro-dialysis, or reverse osmosis.

**De-nitrification:** The physical process of removing nitrate from water through reverse osmosis, microfiltration, or other means.

**Desalting (or desalination):** Removing salts from salt water by evaporation or distillation. Specific treatment processes, such as reverse osmosis or multi-stage flash distillation, to demineralize seawater or brackish (saline) waters for reuse. Also sometimes used in wastewater treatment to remove salts other pollutants.

**Desilting:** The physical process of removing suspended particles from water.

**Dilute:** To lessen the amount of a substance in water by adding more water.

**Disinfection:** Water treatment which destroys potentially harmful bacteria.

**Drainage basin:** The area of land from which water drains into a river, for example, the Sacramento River Basin, in which all land area drains into the Sacramento River. Also called catchment area, watershed, or river basin.

**Drought:** A prolonged period of below-average precipitation.

**DPHS:** California Department of Public Health Services. Regulates public water systems; oversees water recycling projects; permits water treatment devices; certifies drinking water treatment and distribution operators; supports and promotes water system security; provides support for small water systems and for improving technical, managerial, and financial (TMF) capacity; provides funding opportunities for water system improvements.

**DVL:** Diamond Valley Lake. Metropolitan's major reservoir near Hemet, in southwestern Riverside County.

**DWR:** California Department of Water Resources. Guides development/management of California's water resources; owns/operates State Water Project and other water facilities.

**Endangered Species:** A species of animal or plant threatened with extinction.

**Endangered Species Act of 1973 (ESA):** The most wide-ranging of the dozens of United States environmental laws passed in the 1970s. As stated in section 2 of the act, it was designed to protect critically imperiled species from extinction as a "consequence of economic growth and development untended by adequate concern and conservation.

**Ecosystem:** Where living and non-living things interact (coexist) in order to survive.

**Effluent:** Wastewater or other liquid, partially or completely treated or in its natural state, flowing from a treatment plant.

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**Evaporation:** The process that changes water (liquid) into water vapor (gas).

**Estuary:** Where fresh water meets salt water.

**Evapotranspiration:** The quantity of water transpired (given off), retained in plant tissues, and evaporated from plant tissues and surrounding soil surface. Quantitatively, it is expressed in terms of depth of water per unit area during a specified period of time.

**FCH** Federal Clearing House – Environmental Review/Processing

**FEMA** Federal Emergency Management Agency

**Filtration:** The process of allowing water to pass through layers of a porous material such as sand, gravel or charcoal to trap solid particles. Filtration occurs in nature when rain water soaks into the ground and it passes through hundreds of feet of sand and gravel. This same natural process of filtration is duplicated in water and wastewater treatment plants, generally using sand and coal as the filter media.

**Flocculation:** A chemical process involving addition of a coagulant to assist in the removal of turbidity in water.

**Forebay:** A reservoir or pond situated at the intake of a pumping plant or power plant to stabilize water level; also, a portion of a groundwater basin where large quantities of surface water can recharge the basin through infiltration.

**Gray water reuse:** Reuse, generally without treatment, of domestic type wastewater for toilet flushing, garden irrigation and other non-potable uses. Excludes water from toilets, kitchen sinks, dishwashers, or water used for washing diapers.

**Green Acres Project (GAP):** A 7.5 million gallons per day (MGD) water reclamation project that serves tertiary treated recycled water to irrigation and industrial users in Costa Mesa, Fountain Valley, Huntington Beach, Newport Beach, and Santa Ana.

**God Squad:** A seven-member committee that is officially called the "Endangered Species Committee". Members consist of Secretary of the Interior, the Secretary of Agriculture, the Secretary of the Army, the Chairman of the Council of Economic Advisers, the Administrator of the National Oceanic and Atmospheric Administration and one individual from the affected state. The squad was established in 1978 by an amendment to the 1973 Endangered Species Act (ESA). It has only been called into action three times to deal with proposed federal agency actions that have been determined to cause "jeopardy" to any listed species. Such actions may receive an exemption from the ESA if five members of the committee determine that the action is of regional or national significance, that the benefits of the action clearly outweigh the benefits of conserving the species and that there are no reasonable and prudent alternatives to the action.

**Groundwater:** Water that has percolated into natural, underground aquifers; water in the ground, not water puddled on the ground.

**Groundwater basin:** A groundwater reservoir defined by the overlying land surface and the underlying aquifers that contain water stored in the reservoir. Boundaries of success-ively deeper aquifers may differ and make it difficult to define the limits of the basin.

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**Groundwater mining:** The withdrawal of water from an aquifer in excess of recharge over a period of time. If continued, the underground supply would eventually be exhausted or the water table could drop below economically feasible pumping lifts.

**Groundwater overdraft:** The condition of a groundwater basin in which the amount of water withdrawn by pumping exceeds the amount of water that recharges the basin over a period of years during which water supply conditions approximate average.

**Groundwater recharge:** The action of increasing groundwater storage by natural conditions or by human activity. See also: Artificial recharge.

**Ground Water Replenishment System (GWRS):** A joint project of the Orange County Water District and the Orange County Sanitation District that will provide up to 100,000 acre-feet of reclaimed water annually. The high-quality water will be used to expand an existing underground seawater intrusion barrier and to replenish the groundwater basin underlying north and central Orange County.

**Groundwater table:** The upper surface of the zone of saturation (all pores of subsoil filled with water), except where the surface is formed by an impermeable body.

**GPM:** Gallons per minute.

**Ground Water Replenishment System (GWRS):** Orange County Water District's state-of-the-art, highly advanced, waste-water treatment facility.

**Hydrologic balance:** An accounting of all water inflow to, water outflow from, and changes in water storage within a hydrologic unit over a specified period.

**Hydrologic cycle:** The process of water constantly circulating from the ocean, to the atmosphere, to the earth in a form of precipitation, and finally returning to the ocean.

**Imported water:** Water that has originated from one hydrologic region and is transferred to another hydrologic region.

**Inflatable rubber dams:** Designed to replace temporary sand levees that wash out during heavy storm flow, the dams hold back high-volume river flows and divert the water into the off-river system for percolation.

**Influent:** Water or wastewater entering a treatment plant, or a particular stage of the treatment process.

**Irrigation:** Applying water to crops, lawns or other plants using pumps, pipes, hoses, sprinklers, etc.

**JPIA** Joint Powers Insurance Authority. A group of water agencies providing self-insurance to members of the ACWA.

**LAIF** Local Agency Investment Fund. Statewide pool of surplus public agency money managed by State Treasurer.

**Leach:** To remove components from the soil by the action of water trickling through.

**MAF:** Million acre feet.

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**MCL:** Maximum contaminant level set by EPA for a regulated substance in drinking water. According to health agencies, the maximum amount of a substance that can be present in water that's safe to drink and which looks, tastes and smells good.

**MET:** Metropolitan Water District of Southern California.

**MGD:** Million gallons per day.

**Microfiltration:** A physical separation process where tiny, hollow filaments members separate particles from water.

**Microorganism:** An animal or plant of microscopic size.

**MWD:** Metropolitan Water District of Southern California.

**MWDOC:** Municipal Water District of Orange County. Intermediate wholesaler between MWD and 27 member agencies including ETWD.

**Non-point source pollution:** Pollution that is so general or covers such a wide area that no single, localized source of the pollution can be identified.

**NPDES** National Pollution Discharge Elimination System

**OCBC:** Orange County Business Council.

**OCEMA** Orange County Environmental Management Agency

**OCWD:** Orange County Water District.

**Opportunity:**

1. A favorable juncture of circumstances.
2. A good chance for advancement or progress .

**Organism:** Any individual form of life, such as a plant, animal or bacterium.

**PCM** Professional Community Management, Inc. Property Management company providing services to Laguna Woods Village and other homeowner associations.

**Perched groundwater:** Groundwater supported by a zone of material of low permeability located above an underlying main body of groundwater with which it is not hydrostatically connected.

**Percolation:** The downward movement of water through the soil or alluvium to the groundwater table.

**Permeability:** The capability of soil or other geologic formations to transmit water.

**Point source:** A specific site from which waste or polluted water is discharged into a water body, the source of which is identified. See also: non-point source.

**Potable water:** Suitable and safe for drinking.

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**PPB:** Parts per billion.

**Precipitation:** Water from the atmosphere that falls to the ground as a liquid (rain) or a solid (snow, sleet, hail).

**Primary treated water:** First major treatment in a wastewater treatment facility, usually sedimentation but not biological oxidation.

**Primary treatment:** Removing solids and floating matter from wastewater using screening, skimming and sedimentation (settling by gravity).

**Prior appropriation doctrine:** Allocates water rights to the first party who diverts water from its natural source and applies the water to beneficial use. If at some point the first appropriator fails to use the water beneficially, another person may appropriate the water and gain rights to the water. The central principle is beneficial use, not land ownership.

**Pumping Plant:** A facility that lifts water up and over hills.

**Recharge:** The physical process where water naturally percolates or sinks into a groundwater basin.

**Recharge basin:** A surface facility, often a large pond, used to increase the infiltration of surface water into a groundwater basin.

**Reclaimed wastewater:** Wastewater that becomes suitable for a specific beneficial use as a result of treatment. See also: wastewater reclamation.

**Reclamation project:** A project where water is obtained from a sanitary district or system and which undergoes additional treatment for a variety of uses, including landscape irrigation, industrial uses, and groundwater recharge.

**Recycling:** A type of reuse, usually involving running a supply of water through a closed system again and again. Legislation in 1991 legally equates the term "recycled water" to reclaimed water.

**Reservoir:** A place where water is stored until it is needed. A reservoir can be an open lake or an enclosed storage tank.

**Reverse osmosis:** (RO) A method of removing salts or other ions from water by forcing water through a semi-permeable membrane.

**RFP** Request for Proposal

**Riparian:** Of or on the banks of a stream, river, or other body of water.

**RO:** Reverse osmosis. See the listing under "reverse osmosis."

**R-O-W** Right-of-way

**Runoff:** Liquid water that travels over the surface of the Earth, moving downward due to gravity. Runoff is one way in which water that falls as precipitation returns to the ocean.

**RWQCB** Regional Water Quality Control Board. State agency regulating discharge and use of recycled water.

**Safe Drinking Water Act (SDWA):** The Safe Drinking Water Act (SDWA) was originally passed by Congress in 1974 to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells. (SDWA does not regulate private wells which serve fewer than 25 individuals.) SDWA authorizes the United States Environmental Protection Agency (US EPA) to set national health-based standards for drinking water to protect against both naturally-occurring and man-made contaminants that may be found in drinking water. US EPA, states, and water systems work together to make sure that these standards are met.

**Safe yield:** The maximum quantity of water that can be withdrawn from a groundwater basin over a long period of time without developing a condition of overdraft, sometimes referred to as sustained yield.

**SAFRA** Santa Ana River Flood Protection Agency

**Salinity:** Generally, the concentration of mineral salts dissolved in water. Salinity may be measured by weight (total dissolved solids - TDS), electrical conductivity, or osmotic pressure. Where seawater is known to be the major source of salt, salinity is often used to refer to the concentration of chlorides in the water.

**SAWPA:** Santa Ana Watershed Project Authority.

**SCADA** Supervisory Control and Data Acquisition

**SCAP** Southern California Alliance of Publicly. Newly formed group of public agencies seeking reasonable regulation of sewer industry.

**SCH** State Clearing House – Environmental Review/Processing

**Seasonal storage:** A three-part program offered by Metropolitan Water District of Southern California:

**STSS (Short Term Seasonal Storage)** financially encourages agencies with local groundwater production capabilities to produce a higher percentage of their demand in the summer from their local groundwater supplies, thus shifting a portion of their demand on the MWD system from the summer to winter;

**LTSS (Long Term Seasonal Storage)** financially encourages retail agencies to take and store additional amounts of MWD water above their normal annual demands for later use; Replenishment Water provides less expensive interruptible water that is generally available and used to increase the operating yield of groundwater basins.

**Seawater intrusion:** The movement of salt water into a body of fresh water. It can occur in either surface water or groundwater basins.

**Seawater barrier:** A physical facility or method of operation designed to prevent the intrusion of salt water into a body of freshwater.

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**Secondary treatment:** The biological portion of wastewater treatment which uses the activated sludge process to further clean wastewater after primary treatment. Generally, a level of treatment that produces 85 percent removal efficiencies for biological oxygen demand and suspended solids. Usually carried out through the use of trickling filters or by the activated sludge process.

**Sedimentation:** The settling of solids in a body of water using gravity.

**Settle:** To clarify water by causing impurities/solid material to sink to a container's bottom.

**Sewer:** The system of pipes that carries wastewater from homes and businesses to a treatment plant or reclamation plant. Sewers are separate from storm drains, which is a system of drains and pipes that carry rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain water is not treated before it is discharged.

**SigAlert:** Any unplanned event that causes the closing of one lane of traffic for 30 minutes or more, as opposed to a planned event, like road construction, which is planned.

**SJBA** San Juan Basin Authority

**Sludge:** The solids that remain after wastewater treatment. This material is separated from the cleaned water, treated and composted into fertilizer. Also called biosolids.

**SOCWA** South Orange County Wastewater Authority. Regional Joint Powers Authority formed for collection and treatment of sewerage (previously known as AWMA/SERRA/SOCRA). SOCWA member agencies:

CSC – City of San Clemente

CSJC – City of San Juan Capistrano

CLB – City of Laguna Beach

ETWD – El Toro Water District

EBSD – Emerald Bay Service District

IRWD – Irvine Ranch Water District

MNWD – Moulton Niguel Water District

SCWD – South Coast Water District

SMWD – Santa Margarita Water District

TCWD – Trabuco Canyon Water District

**SRF** State Revolving Fund

**Storm Drain:** The system of pipes that carries rain water from urban streets back to the ocean. Overwatering your yard can also cause water to run into the streets and into storm drains. Storm drain

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water is not treated before it is discharged. Storm drains are separate from sewers, which is a separate system of pipes to carry wastewater from homes and businesses to a treatment plant or reclamation plant for cleaning.

**Storm flow:** Surface flow originating from precipitation and run-off which has not percolated to an underground basin.

**SWP:** State Water Project. An aqueduct system that delivers water from northern California to central and southern California.

**SWRCB** State Water Resources Control Board

**TDS:** Total dissolved solids. A quantitative measure of the residual minerals dissolved in water that remain after evaporation of a solution. Usually expressed in milligrams per liter.

**Tertiary treatment:** The treatment of wastewater beyond the secondary or biological stage. Normally implies the removal of nutrients, such as phosphorous and nitrogen, and a high percentage of suspended solids.

**THM:** Trihalomethanes. Any of several synthetic organic compounds formed when chlorine or bromine combine with organic materials in water.

**TMA:** Too many acronyms.

**TMDL:** Total maximum daily load; A quantitative assessment of water quality problems, contributing sources, and load reductions or control actions needed to restore and protect bodies of water.

**Transpiration:** The process in which plant tissues give off water vapor to the atmosphere as an essential physiological process.

**Turbidity:** Thick or opaque with matter in suspension; muddy water.

**Ultraviolet light disinfection:** A disinfection method for water that has received either secondary or tertiary treatment used as an alternative to chlorination.

**VE** Value Engineering

**VOC:** Volatile organic compound; a chemical compound that evaporates readily at room temperature and contains carbon.

**Wastewater:** Water that has been previously used by a municipality, industry or agriculture and has suffered a loss of quality as a result.

**Water Cycle:** The continuous process of surface water (puddles, lakes, oceans) evaporating from the sun's heat to become water vapor (gas) in the atmosphere. Water condenses into clouds and then falls back to earth as rain or snow (precipitation). Some precipitation soaks into the ground (percolation) to replenish groundwater supplies in underground aquifers.

**Water rights:** A legally protected right to take possession of water occurring in a natural waterway and to divert that water for beneficial use.

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**Water-use Efficiency:** The water requirements of a particular device, fixture, appliance, process, piece of equipment, or activity.

**Water year (USGS):** The period between October 1st of one calendar year to September 30<sup>th</sup> of the following calendar year.

**Watermaster:** A court appointed person(s) that has specific responsibilities to carry out court decisions pertaining to a river system or watershed.

**Water Reclamation:** The treatment of wastewater to make it suitable for a beneficial reuse, such as landscape irrigation. Also called water recycling.

**Watershed:** The total land area that from which water drains or flows to a river, stream, lake or other body of water.

**Water table:** The top level of water stored underground.

**WEF** Water Environment Federation. Formerly – Water Pollution Control Federation (WPCF). International trade group advising members of sewage treatment techniques and their effect on the environment.

**Weir box:** A device to measure/control surface water flows in streams or between ponds.

**Wellhead treatment:** Water quality treatment of water being produced at the well site.

**Wetland:** Any area in which the water table stands near, at, or above the land surface for a portion of the year. Wetlands are characterized by plants adapted to wet soil conditions.

**Xeriscape:** Landscaping that requires minimal water.